

PONSSE



SERVICE CATALOGUE
2020



DEAR READER,

Ponsse's global and authorised service network includes a total of 200 service and spare parts centres, employing more than 1,300 maintenance service experts. The network consists of Ponsse's service centres and those of Ponsse's retailers and contractual service partners, maintenance vehicles intended for field maintenance, and PONSSE Full Service projects.

The range of PONSSE services, spare parts and forest machine accessories is continuously being expanded and updated. The 2020 Service Catalogue lists the most recent PONSSE service products and spare parts, ranging from genuine, classic and remanufactured parts to forest machine accessories and performance packages.

PONSSE service products are carefully selected and meet high quality requirements. For more information about our products and their suitability, contact our skilled sales team. Our service centres also offer an expanded range of products that may not be included in the catalogue.

We are continuously developing our service business network in order to serve our growing customer and machine base as effectively as possible. The skilled and experienced staff of our service centres make sure that your machine operates in all conditions.

We wish you all the best at future logging sites.

Best regards,
PONSSE services

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PONSSE PLC

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A logger's best friend



FOR US, THE CUSTOMER ALWAYS COMES FIRST

Ponsse, a logger's best friend, offers you the most customer-friendly services in the industry. Whether you are looking for spare parts, contractual maintenance, technical support, training, instructions or maintenance manuals, you will always receive 100% support as a PONSSE customer.



For decades, we have been developing the world's best cut-to-length forest machines, related services and information systems. Machine users are the best experts in their field, and we listen to their feedback attentively. Based on customer feedback, machines have developed fast. The productivity and efficiency of harvesting have improved at a steady pace, and machine operating costs have decreased.

EXPERTISE AND VISION COME FROM COOPERATION

When purchasing a new machine, Ponsse offers you extensive user training, in order to get you familiar with your new machine in your own language. We use forest machine and servicing simulators as an aid to our training.



OPERATOR TRAINING

Operator training is an integral part of each new PONSSE forest machine delivery. The training ensures that operators know how to utilise the features of their new machines, work efficiently and minimise operating costs. During operator training, the customer will also learn valuable information about preventive maintenance, machine upkeep and the scheduled maintenance programme.

Operator training for harvesters is divided into three parts and training for forwarders into two parts.

THEORETICAL TRAINING BEFORE DELIVERY OR ON DELIVERY FOR HARVESTERS:

- Manuals and their contents
- Beginning and completing a work area and Opti's display information
- Automation settings and harvester head functions according to work phases
- Measurements and maintenance
- Efficient working methods
- PONSSE Eco Drive



ON-SITE OPERATOR TRAINING ON DELIVERY

Base machine

- daily inspection and maintenance items
- controls
- use of heating and air conditioning systems
- automatic lubrication functions

Transmission

- HST adjustments

Opti control system

- operator-specific adjustments and settings
- efficient utilisation of new automation features
- calibration: inspection and use of calipers, random control sampling settings, calibration and fine-tuning of length and diameter
- reports and data transfers

Harvester head

- daily and weekly preventive maintenance and greasing points
- replacing the saw bar and chain and chain lubrication adjustments
- fine-tuning delimbing knives and adjusting the height of the upper knife
- wheel options for length measurements and spring tension

Crane/loader

- daily and weekly preventive maintenance and greasing points
- checking the tension of the extension's chains
- fine-tuning crane movements

Safety

- door limit, reversing buzzer and chain shots
- storage position: base machine,
- harvester head and grapple

Forwarder with a scale

- run-through of the structure
- Opti-PC scale software
- use: weighing, calibration, reports and data transfer
- service and maintenance

ON-SITE OPERATOR TRAINING FOLLOW-UP DAY A MONTH AFTER DELIVERY

- Crane adjustment
- Automatic calibration of the harvester head
- Operator-, machine- and harvester head-specific settings
- Tips for economic driving: HST drive and
- PONSSE Eco Drive
- Working techniques and methods
- Pressure measurements



FOCUS ON EFFICIENT AND PRODUCTIVE HARVESTING

Even the best forest machine in the world needs maintenance to remain productive and reliable from one logging site to the next. With a customised PONSSE Active Care maintenance agreement, you let Ponsse maintain your forest machine.



PONSSE ACTIVE CARE MAINTENANCE AGREEMENT

PONSSE Active Care maintenance agreements comprise the best possible service for forest machine entrepreneurs: you can focus on harvesting, while Ponsse takes care of scheduled maintenance and machine optimisation. Your machine will always be maintained and inspected regularly by a professional, using only high-quality PONSSE original parts, lubricants and filters.

PONSSE ACTIVE CARE MAINTENANCE AGREEMENT FOR NEW OR USED FOREST MACHINES

SCHEDULED MAINTENANCE

- Basic scheduled maintenance: By Ponsse service, the customer's maintenance facilities or by the customer
- Complete scheduled maintenance: By Ponsse service or in the customer's maintenance facilities

PREVENTIVE MAINTENANCE

- You can add preventive maintenance to your maintenance agreement in accordance with your machine and operating environment.

ADDITIONAL SERVICES

- As an Active Care maintenance agreement customer, you have access to Ponsse's additional services, such as forest machine system updates and the use of PONSSE Manager, a machine management system.

PONSSE ACTIVE CARE+ MAINTENANCE AGREEMENT WITH EXTENDED CARE FOR NEW FOREST MACHINES

EXTENDED CARE UP TO **6000** HOURS

COVERAGE **100%** FOR MAIN COMPONENTS

You can add the excellent Active Care+ service to the maintenance agreement of your new forest machine. With extended care, you can extend Ponsse's excellent factory guarantee of 2,000 hours by another 4,000 hours. As a result, extended care is valid up to 6,000 hours/3 years. It makes your maintenance agreement unprecedented, covering all main machine components 100%.

ASK FOR MORE FROM YOUR PONSSE RETAILER

UTILISATION RATE

Regular maintenance and original parts keep your machine reliable and give your machine the highest possible utilisation rate

CUSTOMISATION

A maintenance agreement for your specific needs, with customised hours and content

MACHINE VALUE

Maintain a high resale value for your machine

FIXED COSTS

No unexpected maintenance costs during the agreement period

PRODUCTIVITY

Keep your machine's productivity and fuel economy high

FOCUS ON YOUR KEY BUSINESS

Let Ponsse take care of all maintenance services, so you can remain focused on harvesting



RELIABILITY USING HIGH-QUALITY ORIGINAL PARTS

Ponsse's spare parts range is designed to meet the needs of forest machine entrepreneurs. The experienced personnel of our service centres will help you select the best alternative for your needs. In unexpected situations, our service centres also offer telephone assistance.

SPARE PARTS

PONSSE ORIGINAL PARTS



PONSSE original parts ensure that your machines are reliable and productive in every situation and enable a long service life for your forest machines.

- Original quality and reliability
- The best storage availability

PONSSE FOREST MACHINE ACCESSORIES



The range consists of products forest machine entrepreneurs need in daily activities.

- Accessories, kits and tools
- Carefully selected high-quality products

Read more on page 96 »

PONSSE REMANUFACTURED PARTS



Original parts remanufactured at the PONSSE Reconditioning and assembly centre.

- Affordable and eco-friendly options to replace original parts.
- The same high quality as with new parts
- A quicker option than the conventional replacement of parts

Read more on page 114 »

PONSSE PERFORMANCE PACKAGES



Spare parts packages and ready-made assemblies designed for various needs.

- An easy way to order new features and updates for machines
- The package price is more affordable than the purchase of individual parts

Read more on page 122 »

PONSSE BUDGET PARTS



Affordable spare parts no longer in production and inspected at the PONSSE Reconditioning and assembly centre.

- The most affordable option
- The price is determined in accordance with the condition of the part
- Functionality guaranteed

Read more on page 120 »

PONSSE CLASSIC PARTS



A broad range of original parts for machine models no longer in production.

READ MORE AND CHECK THE PRODUCT RANGE: WWW.PONSSE.COM/SERVICES/SPARE-PARTS

PONSSE PARTS ONLINE PARTS ONLINE 24/7

PONSSE spare parts and manuals are now available online, conveniently and free of charge, 24 hours a day. In the service, you get real-time information on prices and availability for parts. Through PONSSE Parts Online, you can order the parts you need from the outlet of your choice. In addition, the service includes useful information, such as spare parts manuals and Owner's Manuals, and you can add machine-specific notes to the service.

You can subscribe to the service at your nearest PONSSE service centre, also by telephone or via email.

Check the availability of PONSSE Parts Online in your market area by contacting your local PONSSE partner.



SUPPORT RIGHT WHERE IT IS NEEDED

PONSSE service centres, field maintenance and the maintenance help desk offer reliable and fast help in questions related to technical support. Our service business network serves our customers professionally and pays attention to local customer needs.



TECHNICAL SUPPORT

When acquiring a harvesting solution from Ponsse, you also have access to technical support. Our goal is to address local conditions and bring our services as close to you as possible. At our factory, we provide comprehensive support for local service centres, in the form of training. PONSSE service centres, field maintenance and maintenance help desk are there for you, whenever you need support. You can also let Ponsse maintain all your machines.

SERVICE CENTRES

PONSSE service centres are situated in central locations considering our customers' operations and logistics. Repair shops are integral parts of service centre operations, and they are equipped so as to provide maintenance as quickly as possible and to ensure uninterrupted harvesting. The location of the spare parts storage in conjunction with repair shops ensures that the turnaround time of maintenance is as short as possible.

FIELD MAINTENANCE

Alongside service centres, field maintenance offers a practical option for maintenance. Fully equipped maintenance vehicles bring help directly to the worksite, if needed. Field maintenance is a viable option when the total time to be spent on maintenance is reasonable.

MAINTENANCE HELP DESK

The maintenance help desk serves customers by telephone and via email. Sometimes the telephone is the quickest way to solve a problem – by providing instructions, guidance or inspections. If a problem cannot be reasonably solved by telephone, the maintenance help desk can forward a service request to field maintenance or book maintenance from a service centre.



CHECK THE CONTACT DETAILS OF MAINTENANCE SERVICES IN YOUR AREA:
WWW.PONSSE.COM

EVERYTHING OK, ALL THE TIME

Ponsse's detailed Owner's Manuals and spare parts manuals help you to find the information you need about your machine's operation and maintenance. Ponsse will deliver the manual for your machine either as a hard copy or in electronic format in your own language. Owner's Manuals will also be installed on your forest machine's Opti computer so that they will always be conveniently available, wherever your machine is.



DOCUMENTS

You will always receive reliable and up-to-date documents with your PONSSE harvesting solution. The experienced PONSSE documentation personnel prepare Owner's Manuals, as well as spare parts manuals, in close cooperation with technical support and research and development.

With a new forest machine, we deliver Owner's Manuals and spare parts manuals for the base machine, crane and harvester head. The machine delivery also includes an Instruction Manual for Opti information systems.

The documents are machine-specific, i.e. prepared just for the machine you have purchased. All documents are available as hard copies or on a USB memory stick, and they are also available on the PONSSE forest machine's Opti computer. If you have purchased a used machine or wish to obtain new documents for your machine, please contact your closest service centre.

OWNER'S MANUALS

Owner's manuals for base machine, crane and harvester head
Owner's Manuals include information on how the forest machine works, how it can be safely used, its technical features and issues related to the everyday use and maintenance of the machine. The manuals also include electronic and hydraulic diagrams to assist in maintenance. Owner's Manuals are available in 26 different languages.

Opti information system Instruction Manual
The Instruction Manual of the PONSSE Opti information system includes detailed information on the features of the Opti information system applications in order to make their use as easy and effective as possible. Instruction Manuals are currently available in 25 different languages.

SPARE PARTS MANUALS
Your machine-specific spare parts manual helps you when you need parts to maintain your machine. The manual includes exploded-view drawings of assemblies, and thus it can also be used when disassembling and assembling components. Spare parts manuals are currently available in ten different languages.

PONSSE MANAGER EFFICIENCY, PRODUCTIVITY AND INFORMATION

PONSSE Manager is an operations management system for forest machine entrepreneurs. PONSSE Manager was originally designed for entrepreneurs to provide them with more valuable information about their machines. PONSSE Manager keeps entrepreneurs up to date with factors that have an impact on the profitability of their machines. As a result, they can improve the efficiency of their operations.



MACHINE CONTROL



TRANSPORT MANAGEMENT



REMOTE CONNECTION



PRODUCTIVITY MONITORING

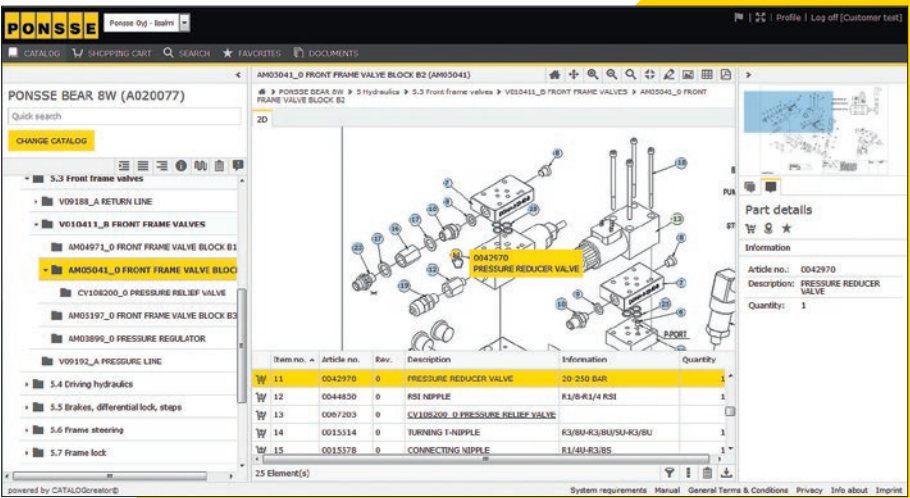


INSTRUCTIVE PONSSE ECODRIVE



MANAGEMENT OF SERVICE NOTES

PONSSE PARTS ONLINE



PONSSE Manager also makes the procurement of spare parts quicker and easier. Through the PONSSE Parts Online service included in the system, you can check the prices and availability of parts in real time and order parts from the outlet of your choice. In addition, the service includes useful information, such as machine-specific notes, spare parts manuals and Instruction Manuals.

HOW TO START USING THE SERVICE:
1. Order your PONSSE Manager IDs
2. Introduction to the system
3. Activate your user ID

Check the availability of PONSSE Parts Online in your market area by contacting your local PONSSE partner.

WWW.PONSSE.COM/SERVICES



BASE MACHINE PARTS

Engine.....	17	Common hydraulic valves.....	27
Poly V-ribbed belts	18	Proportional directional valves.....	28
Seats and seat accessories.....	19	Pressure reducers.....	28
Air conditioners and heaters.....	20	Pressure relief valves.....	29
Wiper accessories.....	20	Check valves.....	30
Filters	21	Pilot check valves	30
Antennas.....	22	Spacers and cover plates	31
Cameras and displays.....	23	Hydraulics.....	31
Batteries.....	23	Fuel tanks	32
Lights.....	24	Base machine protective covers 2000-2015	33
Light bulbs.....	25	Base machine protective covers 2015-	34

ENGINE



CHARGING ALTERNATORS	
NL1 80 A MB	DC009154980280
NCB 80 A MB	0070354
NCB2 100 A	0070304



CHARGING ALTERNATOR CONTROLLERS	
For NL1 80 A charging alternators	0072087
For NL1 80 A/100 A charging alternators, accessory	BOS1197311304
For 80 A NCB charging alternators	BOSF00M145307
For 100 A NCB charging alternators	BOSF00M145307
NCB/NCB2 100 A, accessory	BOSF00M145307



STARTER MOTORS FOR PONSSE FOREST MACHINES	
MB	0068529
MB	0077902
MB	BOS0001231002



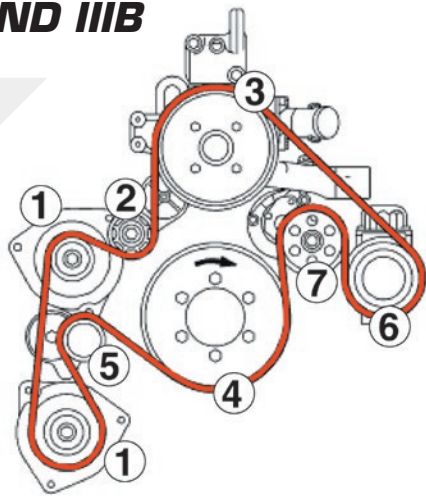
SCR SYSTEM PARTS	
Dryer, complete	0068425
Filter element for complete dryer	0071206
AdBlue/DEF pump, EU STAGE IIIB	0068430
AdBlue/DEF pump, EU STAGE IV	0072579
Filter, AdBlue/DEF pump, EU STAGE IIIB	0071207
Filter, AdBlue/DEF pump, EU STAGE IIIB	0076959
Dosing unit, AdBlue/DEF, EU STAGE IV	0072402
Magnet for AdBlue/DEF tank	0071910
Bracket for magnet	0071912

POLY V-RIBBED BELTS

POLY V-RIBBED BELTS FOR PONSSE FOREST MACHINES EQUIPPED WITH AN MB ENGINE		
OM904&OM906	2482 mm	DC9069934796
Accessory	2482 mm	0072828
OM904&OM906	2580 mm	DC9069975592
Accessory	2580 mm	0072829
EU STAGE IV / TIER 4F / STAGE V		0076044

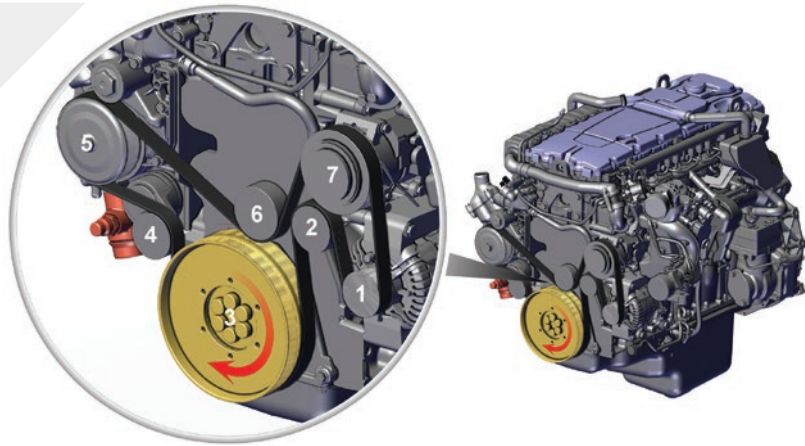
POLY V-RIBBED BELT EU STAGE IIIA AND IIIB

- 1 Charging alternator
- 2 Guide roller
- 3 Water pump
- 4 Crankshaft
- 5 Tightening roller
- 6 Air conditioning compressor
- 7 Support roller



POLY V-RIBBED BELT EU STAGE IV / TIER 4F / STAGE V

- 1 Charging alternator
- 2 Guide roller
- 3 Crankshaft
- 4 Tightening roller
- 5 Water pump
- 6 Guide roller
- 7 Air conditioning compressor



INSTRUCTIONS ON HOW TO CHECK BELT CONDITION

- Check the condition of the poly V-ribbed belt regularly.
- Replace the poly V-ribbed belt if it is in poor condition. The belt may not work properly if it is incorrectly installed, worn, torn, frayed or dirty.
- Before starting to replace the poly V-ribbed belt, contact an authorised PONSSE service for more detailed instructions on how to replace the belt.

The engine may overheat if the poly V-ribbed belt does not work properly. For example, it may not run the cooling pump or charging alternator. If the poly V-ribbed belt is in poor condition, it may be torn and the entire belt or parts of it may fly from the engine, injuring anyone near the engine.

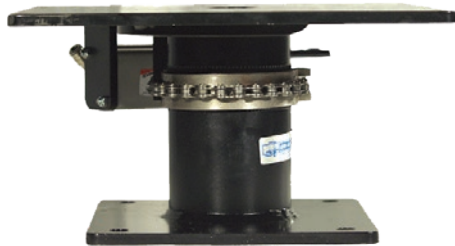
SEATS AND SEAT ACCESSORIES



SEATS	
PONSSE Seat	0076375



SEAT COVERS	
Long, with headrest	0055236
Long, airbag ready	0068231
Short, without headrest	00552361



SEAT BASES AND SEAT ACCESSORIES	
Seat, PONSSE Seat	0076779
With mechanical locking	0080650
Pneumatic locking, high	0055152
Pneumatic locking, low 80 mm	0055088
Brake chain	0063369
Brake chain kit (including chain + chain fasteners)	0059070
Brake belt	0059069
Brake kit (including chain + brake belt + fasteners)	0059068

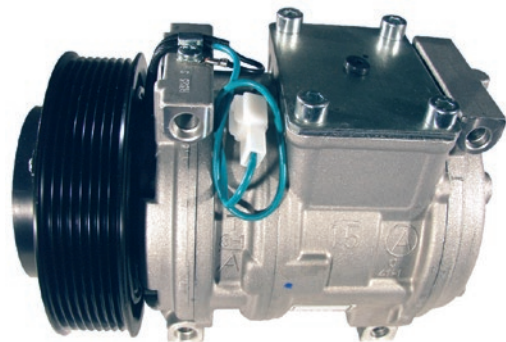


PONSSE FABRIC FLOOR MATS FOR CABIN	
For cabins of model series 2015 (not PONSSE Scorpion)	P48118
For PONSSE Scorpion cabins	P49149

AIR CONDITIONERS AND HEATERS



FAN MOTORS	
TP2000	0060586
Machines 2010 »	0068608
MS2015 Webasto	0074812
MS2015 MCC	0081305



COMPRESSORS	
Compressor, MB engine accessory compressor, EU STAGE IIIA & IIIB	0067190
Compressor, MB engine accessory compressor, EU STAGE IV / TIER4F / EU STAGE V	0074032



WIPER ACCESSORIES



WIPER BLADES	
350 mm	0072211
500 mm	0073070
600 mm	BOS3398110425
700 mm	0068828
800 mm	0036013
1000 mm	0076111
1000 mm	0072206



WIPER ARMS	
For 700 mm blades	0068827
For 800 mm blades	0070895
For 1000 mm blades	0068826
For side window wiper	BOS3398102285100



WIPER MOTORS	
TP2000, front	0068824
TP2000, rear	0068823
SIDE WINDOW, old model	BOS0390217701100
SIDE WINDOW, right	0077605
SIDE WINDOW, left	0077604

FILTERS AND FILTER SETS

You can get all the filters required for scheduled maintenance from Ponsse in a convenient and affordable package. You can easily order the filter set for your machine type with only a single part number.

BENEFITS OF THE FILTER SET:

- save time during maintenance preparations
- get the filters you need more economically
- all the appropriate filters are available during maintenance
- all filters in the set are of the original PONSSE quality

By using original PONSSE filters, you can ensure the reliable operation of the system. The machine's maintenance intervals have been defined in accordance with the filtering capacity of original filters. When using non-standard filters, their functionality during the entire maintenance interval defined by Ponsse cannot be guaranteed. Even if filters resembled each other on the outside, there may be significant changes in their flow channels that do not allow for the full filtering cycle to be completed. Furthermore, there are differences in the capacity and durability of filter elements. A simple test is to compare the weight of filter elements. Lighter non-standard filters have fewer filtering layers and supporting structures. If the filter's filtering capacity cannot cover the entire maintenance interval, the filter will be clogged. Due to its weaker supporting structure, the filter may tear and contaminate the entire system.



CHECK THE RANGE USING THE PONSSE SERVICE APPLICATION MOBILE APP

Using the mobile app, you can easily check PONSSE maintenance service products, such as forest machine accessories. In addition, the purpose of the selections featured in the app is to find the correct product more quickly.

The app can be downloaded from Google Play and App Store, and it also works offline.



Google Play



App Store



ANTENNAS



RADIO ANTENNA, BOSCH	
Antenna + base + cable	0026732
Whip antenna » 2011	BOS8698114571



GSM ANTENNA	
Long GSM whip	0062057
GSM antenna package (including antenna, base, cable, mini UHF connector)	0062150



COMBINED GSM + RADIO ANTENNA	
Antenna + base	0075265
Whip antenna	0062510

WINDOW ANTENNA	
Window antenna GSM + GPRS	0062539

GPS ANTENNA	
GPS antenna, for Sierra modem 2x2G/3G/4G+GPS/Glonass	0076102
GPS antenna, for Sierra modem, 30 mm base	0068808
GPS antenna, for Sierra modem, 10 mm base	0073889
GPS cable	161649
GPS cable PC5	PS0439
Opti6 & Opti7	0071867

HARVESTER HEAD WINCH ANTENNAS	
EU5 (Europe, South America, Australia)	0073566
US4 (North America)	0075891
CN2 (China)	0075892



FOR OPTI & SIERRA MODEM	
MIMO antenna + GPS & Glonass	0076102



MODEM ANTENNA	
GSM & GPS	0073889



RADIO ANTENNA	
Similar as previous 0062196	0075265



ACCESSORY FOR DAB RADIO	
With this accessory, 0075265 radio antenna can be used for DAB radio. PS1374 cable set also needed.	0080035



FORWARDER ANTENNAS	
EU5 (Europe, South America, Australia)	0075770
JP1 (Japan)	0075654
CN2 (China)	0075653
US4 (North America)	0075126

CAMERAS AND DISPLAYS



REVERSING CAMERA	
Camera, MEKRA MCC-5019 120deg, front camera	0076260
Camera, MEKRA MCC-5017 100deg, cabin camera	0076261
Scorpion cabin camera	0076886
Performance packages – reversing camera (including camera + display + installation kit)	0078411
Performance package – 3-camera system Scorpion. Mounted to frame pipes.	0077880
Reversing camera, Scorpion	0076886
Performance package, reversing camera package, MEKRA	0078411
Camera, 281301007099 MEKRA MCC-5023 70DEG, Scorpion diesel frame camera, 3-camera system	0076886
Camera, 281301001099 MEKRA MCC-5017 100DEG, Cabin camera	0076261
Camera, 281301003099 MEKRA MCC-5019 120DEG, Forwarder, rear frame	0076260
Display, 241301517001 MEKRA, All variations	0077635
Cable, 091301150001 MEKRA MAC-5402, 1.6 m	0078007
Cable, 091301152007 MEKRA MAC-5123, 4 m	0076264
Cable, 095610111 MEKRA MMC-0005, 5 m	0080494
Cable, 095610121 MEKRA MMC-0011, 11 m	0076265



OPTI ACCESSORIES	
Mouse, PS/2	0056252
Mouse, USB	0071313
Keyboard, PS/2	0057598
Keyboard, USB	0074250

BATTERIES

Battery condition is an essential part of ensuring the uninterrupted operation and safe use of forest machines. A low battery fluid level and a poor fastening of battery clamps may even damage electrical system components. The battery fluid contains acid. Use the personal protective equipment required when checking the fluid level. The fluid level does not need to be checked from maintenance-free batteries.



BATTERIES	
UPS battery 24H	0055999
Radio battery	0060036
Cabin battery, TP2000 DC machines 17 Ah	0059498
Cabin battery, TP2000 AC machines 10 Ah	0062318
CALIPER	0055998
CALIPER+	0062046
Caliper3	0072661
95 Ah Yuasa +/-	0078097
95 Ah Yuasa -/+	0078099
110 Ah	0026419
142 Ah	0026420
180 Ah Yuasa	0077448
185 Ah	0064177

LIGHTS



HEADLIGHTS	
Headlight	0056153 / 0058468
Headlight H4	0056153
Headlight with parking light H4	0058468
H4 24 V/70 W headlights	0024588

HEADLIGHTS, MODEL SERIES 2015	
Headlight, Scorpion	0073925
Headlight, low beam, Other models	0072393
Headlight, high beam, Other models	0072394
Rear light, Scorpion	0073813



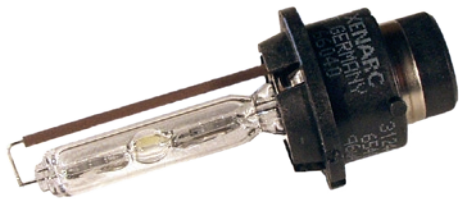
PONSSE WORKING LIGHTS	
Gas-discharge working light, standing	0070095
Gas-discharge working light, suspended	0070094
Gas-discharge working light, standing, booster 24 V 45 W	0069530
Gas-discharge working light, suspended, booster 24 V 45 W	0069531
Gas-discharge working light, standing, 12 V	0068476
Gas-discharge working light, suspended, 12 V	0068526
HALOGEN H3, standing	0066845
HALOGEN H3, suspended	0066846
Adapter T-Hella Xenon	PS0033
Adapter S-Hella Xenon	PS0034
Adapter H3 Halogen-Ponsse, gas-discharge working light	PS0534
Adapter Hella Xenon-Ponsse, gas-discharge working light	PS0535
Connector (Nordic)	0067759

LED WORKING LIGHTS	
Standing N44 12–24 V 40 W 1900 lm	0070633
Standing, N4402 LED 12–24 V 50 W narrow beam, 4200 lm	0076468
Standing, N4402 LED 12–24 V 50 W wide beam, low bracket, 4200 lm	0076471
Standing, N4402 LED 12–24 V 50 W wide beam, 4200 lm	0076470
Suspended, N4402 LED 12–24 V 50 W wide beam, 4200 lm	0076472
Suspended, N4402 LED 12–24 V 50 W narrow beam, 4200 lm	0076478
Suspended N44 12–24 V 40 W 1900 lm	0071467
High beam N44 12–24 V 40 W 1900 lm	0071468
N46 12–24 V 50 W 3500 lm	0071327
N10LED 12–48 V	0072028



LED LIGHTS WITH MAGNETIC FASTENINGS	
Bright LED, e.g. maintenance light, site demonstration.	
10–30 V 5.5 W bright, 3 m cable	0073744
10–30 V 5.5 W bright, 5 m cable	0073745
10–30 V 5.5 W bright, 10 m cable	0073746
Red LED, e.g. indicator light for marking an oversized load, for example	
9–30 V 2 W bright, 3 m cable	0072322
9–30 V 2 W bright, 5 m cable	0072323
9–30 V 2 W bright, 10 m cable	0072324

LIGHT BULBS



WORKING LIGHT BULBS	
Xenon bulb D2S, Hella	0075643
HID bulb, PONSSE gas-discharge light D1S	0067514
HID bulb, D2S, Osram	0068471
H3 24 V/70 W	0013110
H3 24 V/60 W long life	0013110



LARGE BULBS WITH METAL CAP	
24 V/21 W	0012799
24 V/15 W	0012808
24 V/5 W	0012815



FOR CONTROL PANELS	
24 V/1.2 W glass cap, pressed	0012930
24 V/1.2 W glass cap + base	0056856
24 V/1.2 W glass cap, turned	0012931
24 V/3 W metal cap	0012914



BULB SET	
Bulb set	0071279

TP2000 CABIN	
24 V/10 W halogen	0060131

CHECK THE LIGHT RANGE USING THE PONSSE SERVICE APPLICATION MOBILE APP



TOGETHER



For 50 years now, we have been manufacturing the world's best forest machines in Vieremä, Finland. At the same time, we have developed mechanical harvesting globally. However, we have achieved nothing on our own. We have always worked with our customers and partners – together. With this same skilled group of people and following the Ponsse spirit, we will continue to work to produce even more productive and eco-friendlier harvesting solutions.



A logger's best friend

www.ponsse.com

COMMON HYDRAULIC VALVES



DIRECTIONAL VALVE

- Opti-oil

0033469



DIRECTIONAL VALVE

- on/off functions

0038174



DIRECTIONAL VALVE

- slow feed H60, H53 and H73
- on/off rotator

0033472



DIRECTIONAL VALVE

- fast feed valve (main spindle pre-control) H60, H53, H73

0033473



DIRECTIONAL VALVE

- differential locks
- large pump control valve HS10, old model

0028037

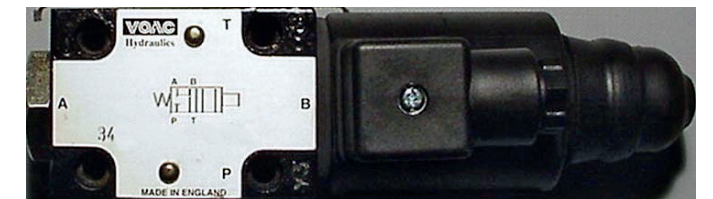
BASE MACHINE PARTS



DIRECTIONAL VALVE

- double-acting pinch valve for delimbing knives and feed rollers H60, H53 and H73
- large pump control valve HS10, old model

0038175



DIRECTIONAL VALVE

- small pump control valve HS10, old model

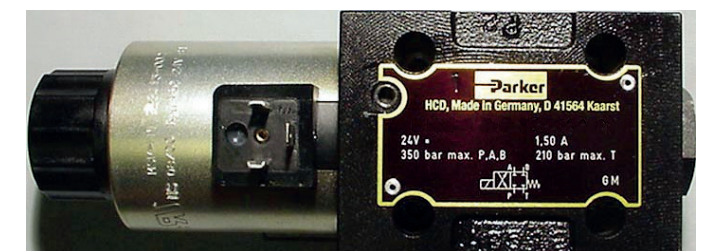
0028041



DIRECTIONAL VALVE

- winch
- crane tilt
- log gate movement front/back

0056955



DIRECTIONAL VALVE

- Ponsse Cut

0057959



DIRECTIONAL VALVE

- fast feed valve (main spindle) H60
- fast feed valve (main spindle) H53 / H73

0057959

0064898

PROPORTIONAL DIRECTIONAL VALVES



DIRECTIONAL VALVE

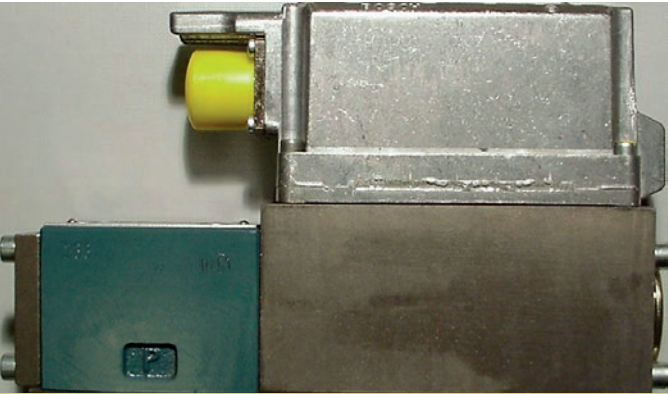
- stump treatment
- rotator

0042962



DIRECTIONAL VALVE

0056956



DIRECTIONAL VALVE

- active suspension Regel valve HS16 and Ergo

0055117

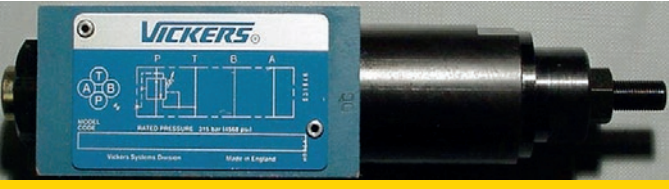


DIRECTIONAL VALVE

- mini steering wheel

0060829

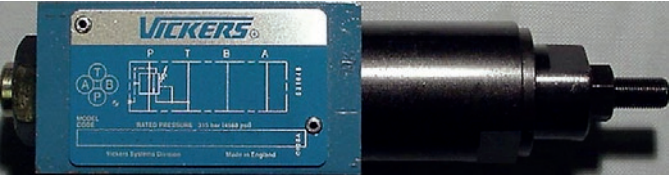
PRESSURE REDUCERS



PRESSURE REDUCING VALVE

- 10–140 bar, saw bar feed

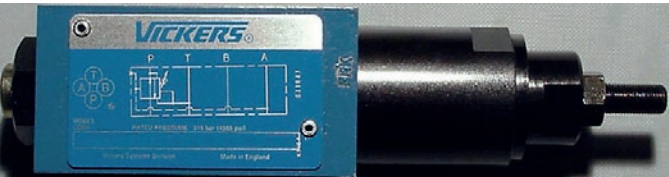
0042960



PRESSURE REDUCING VALVE

- 3.7–70 bar, saw bar feed

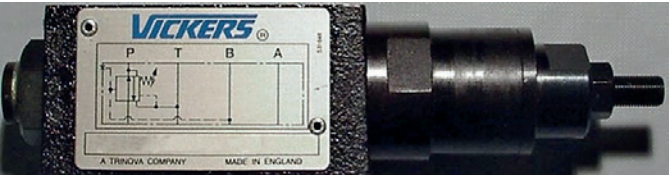
0056671



PRESSURE REDUCING VALVE

- 20–250 bar, standard pressure control valve HS15, old model

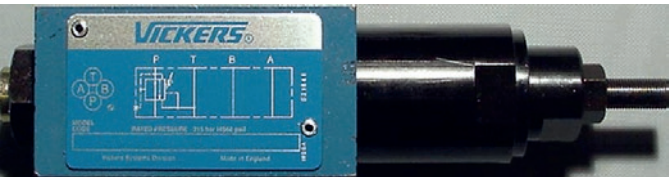
0042945



PRESSURE REDUCING VALVE

- 20–250 bar, standard pressure control valve HS10, old model

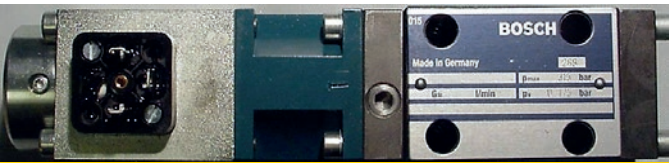
0028042



PRESSURE REDUCING VALVE

- 20–250 bar, function-specific pressure controls

0042970



PRE-CONTROLLED PRESSURE REDUCING VALVE

- proportional pressure H60
- proportional pressure for delimbing knives H73e

0055028

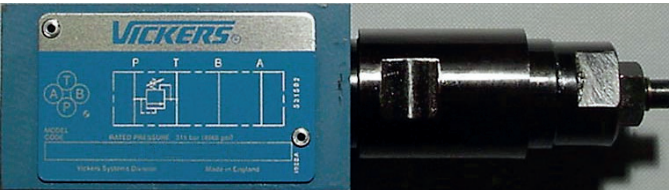
PRESSURE RELIEF VALVES



PRESSURE RELIEF VALVE

- harvester pump pressure control Ergo/Beaver

0067203+
0012579 (4 pcs)



PRESSURE RELIEF VALVE

- 50–315 bar
- head- and function-specific pressure reliefs H53, H60 and H73
- parking brake S/HS15

0046960



PRESSURE RELIEF VALVE

- 10–200 bar
- delimbing knives double-acting H53 and H73,
- old model

0038177



PRESSURE RELIEF VALVE

- 50–315 bar

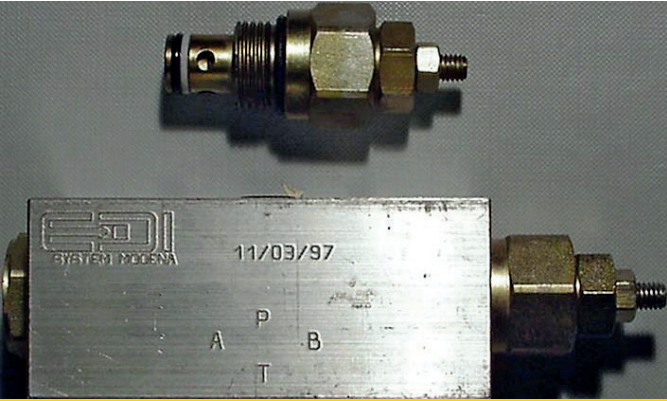
0043019



PRESSURE RELIEF VALVE

- 50–315 bar, indexator for rotator

0043014



PRESSURE RELIEF VALVE

Note: Extra cartridge 0033327

- standard pressure control valve HS10

0033326



PRESSURE RELIEF VALVE

- 130–135 bar, standard pressure control valve HS15

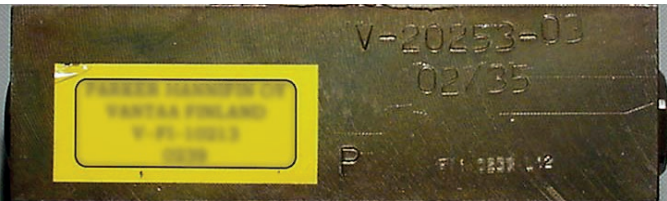
00333240



PRESSURE RELIEF VALVE

- 210 bar
- brake charging S15eh if Mico charging valve

0055170

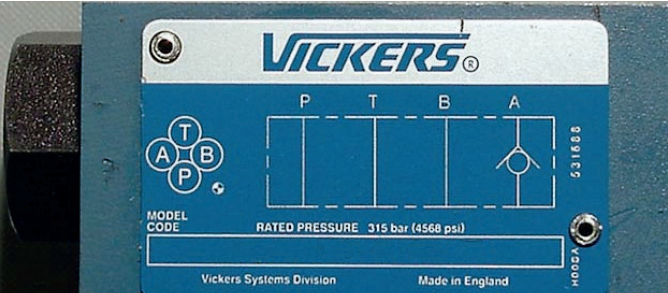


PRESSURE RELIEF VALVE

- feed rollers H53 and H73

0063406

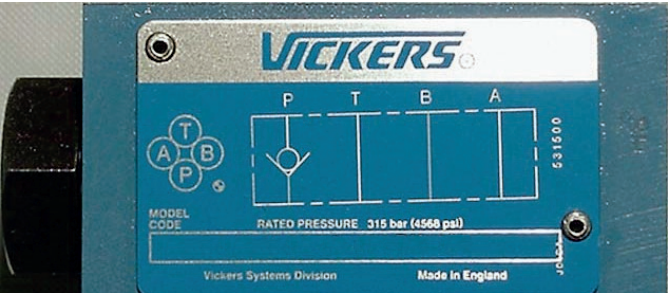
CHECK VALVES



CHECK VALVE

- 1 bar
- S/HS15 726

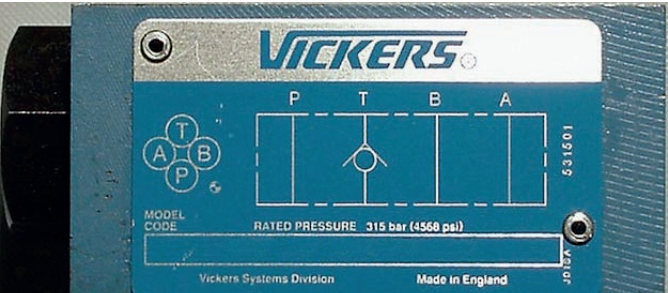
0043011



CHECK VALVE

- 1 bar

0043012

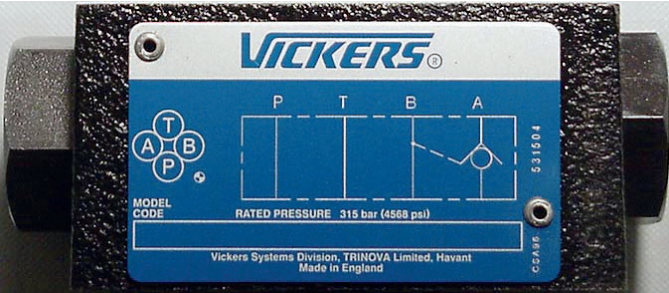


CHECK VALVE

- 1 bar
- saw bar feed

0043013

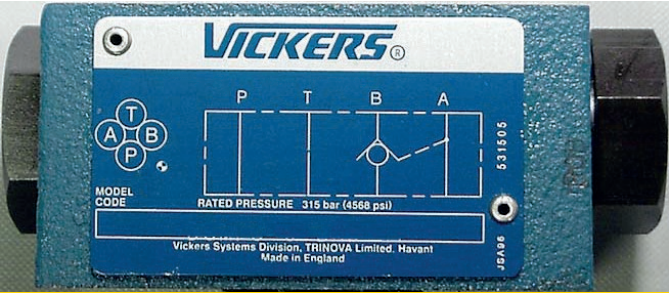
PILOT CHECK VALVES



PILOT CHECK VALVE

- 5 bar

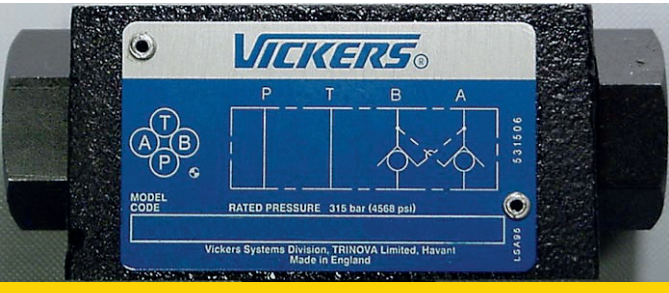
0038176



PILOT CHECK VALVE

- 1 bar

0043015



PILOT CHECK VALVE

- 1 bar

0056709



RESTRICTOR CHECK VALVE

- flow control valve for slow feed

0060923

HYDRAULICS



PRESSURE RELIEF BLOCK

- Including pilot check valves
- log gate movement
 - crane tilt
 - clam bunk

0063242

SPACERS AND COVER PLATES

INSTALLATION SCREWS

M5-25	0047201
M5-30	0012573
M5-40	0012577
M5-50	0012569
M5-60	0012570
M5-70	0012576
M5-80	0012578
M5-90	0012579
M5-100	0039563
M5-110	0046980
M5-130	0056881
M5-145	0046983
M5-150	0047220
M5-155	0057017
M5-160	0057669
M5-165	0046985
M5-190	0046987

O-RING

7.65-1.78 90-shore	0042227
9.25-1.78 NG6	0038185
9.25-1.78 90-shore	0057170
9.25-1.78 teflon NG6	00571701
23.2-2.4 90-shore NG16	0023711
9.19-2.62 70-shore NG16	0024083



FOR VALVE BLOCK

170 valve block seal set	0042587
170 valve block intermediate seal	0033386
Pilot valve proportional, PVC25	0060279
Pilot valve proportional, PS25M0	0070089



BRAKE CHARGING VALVE

NAUTILUS TP2000	0057802
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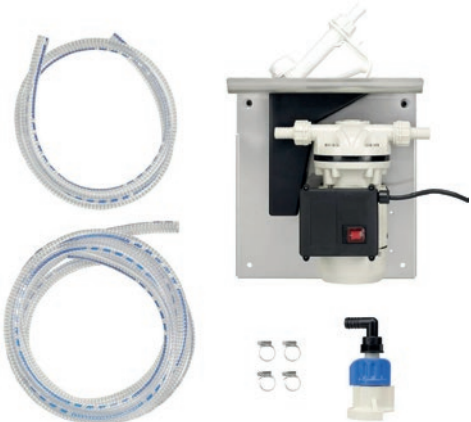
PONSSE FUEL TANKS



PONSSE FUEL TANKS		
250 L, FINNCONT, No refilling pump	0077332	
250 L, FINNCONT, with refilling pump	0077195	
450 L, FINNCONT, No refilling pump	0072422	
450 L, FINNCONT, with refilling pump	0075634	



FUEL TANK ACCESSORIES		
Fuel refilling pump 24 V	0058492	
Fuel refilling hose	AM00070	



ADBLUE/DEF REFILLING PUMP SETS		
AdBlue/DEF refilling unit, with manual refilling nozzle	0072839	
AdBlue/DEF refilling unit, with automatic refilling nozzle	0072840	
AdBlue/DEF refilling unit, with manual refilling nozzle + meter	0072841	



FUELK		
Fuelk 970 L	0071280	
Fuelk 450 L	0077644	



FUELK TRANSPORTATION SUPPORT		
Folding	0081928	
Fixed	0081929	

FUELK SPARE PARTS		
Wire	0079832	
Flow meter	0079826	
Fuel pump	0079831	
Overfill protector	0079824	
Tank cap	0079833	
Refilling device	0079827	

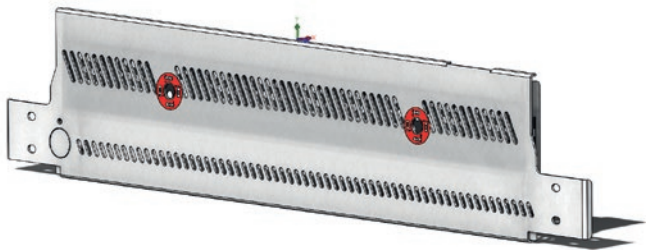
BASE MACHINE PROTECTIVE COVERS

FUEL TANK COVERS		
Description	pcs	No.
BEAR		
Lower left pipe	1	P43768
Lower right pipe	1	P43767
Upper left pipe	1	P43770
Upper right pipe	1	P43769
Front bracket	1	P42671
ERGO		
Lower left pipe	1	P42667
Lower right pipe	1	P42668
Upper left pipe	1	P42669
Upper right pipe	1	P42670
Front bracket	1	P42671



EXHAUST PIPE SUPPORT AND PROTECTIVE COVERS		
Description	pcs	No.
BEAR		
Exhaust pipe support and protective cover	1	P43129
Exhaust pipe support and protective cover	1	P43130
Exhaust pipe and support bracket	1	P43002
Clip	1	0071739
BUFFALO (&DUAL &KING) / ELEPHANT (&KING) / ERGO 8W		
Exhaust pipe support and protective cover	1	P42969
Exhaust pipe and support bracket	1	P43002
Clip	1	0071739
ERGO 6W		
Exhaust pipe support and protective cover	1	P44921
Exhaust pipe and support bracket	1	P43002
Clip	1	0071739

PONTON PROTECTIVE COVERS		
Description	pcs	No.
Right pontoon protective cover	1	P42626
Left pontoon protective cover	1	P42627
Door protective cover	1	P42628



REINFORCED SIDE COVERS		
Description	pcs	No.
BUFFALO		
Side cover, right	1	AM03202
Side cover, left	1	AM03203
ELEPHANT / ELEPHANT KING		
Side cover, right	1	AM03228
Side cover, left	1	AM03229
BEAR 8W		
Side cover, right	1	AM03219
Side cover, left	1	AM03220
ERGO 8W		
Side cover, right	1	AM03211
Side cover, left	1	AM03212
ERGO 6W / BEAR 6W		
Side cover, right	1	AM03427
Side cover, left	1	AM03428

LIGHT COVERS, HARVESTER		
Description	pcs	No.
Reinforced roof light rack	1	P45916
Roof light protective grille	1	P43231
Rack sliding rail, right	1	P45914
Rack sliding rail, left	1	P45915
Threading tap for rack fastening	2	P43232

BASE MACHINE PROTECTIVE COVERS 2015-

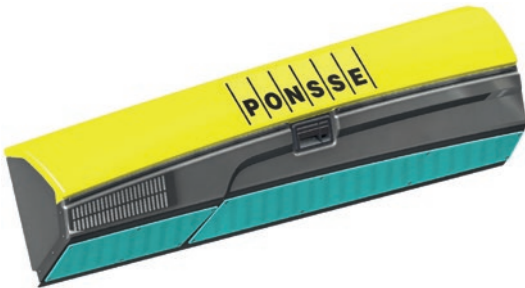


EXHAUST PIPE PROTECTIVE FRAMES		
Suitable mask: AM04809 mask or P54217 bracket. For engines: 3A & 4F		
Machine model and serial number	No.	
Buffalo 8W A080003–A080332	0075943	
Buffalo 6W A150001–A150009		
Buffalo AF A060003–A060082		
Buffalo Dual A140001–A140008		
Buffalo King 8W A120001–A120086		
Buffalo King 6W A190001–A190009		
Elephant 8W A180001–A180027		
Elephant AF A200001–A200015		
Elephant King A130001–A130058		
Elephant King AF A110001–A110024		
Bear 8W A020024–A020094		
Ergo 6W A100001–A100041		
Ergo 8W A090005–A090320		

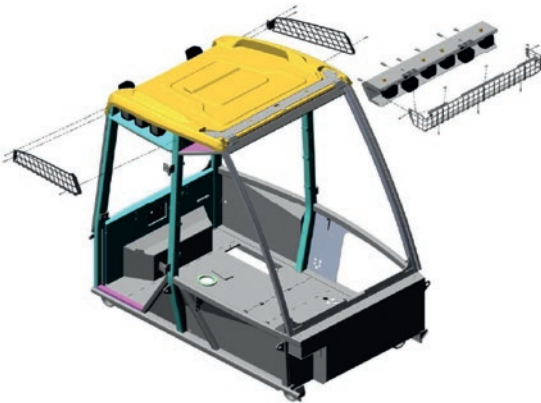
EXHAUST PIPE PROTECTIVE FRAMES		
Suitable mask: AM05543 / AM06666 mask or P56352 bracket. For engines: 3A & 4F		
Machine model and serial number	No.	
Buffalo 8W A080333–A080643	0079594	
Buffalo 6W A150010–A150014		
Buffalo AF A060083–A060159		
Buffalo Dual A140009–A140017		
Buffalo King 8W A120087–A1200160		
Buffalo King 6W A190010–A190017		
Elephant 8W A180028–A180087		
Elephant AF A200016–A200023		
Elephant King A130059–A130141		
Elephant King AF A110025–A110042		
Bear 8W A020095–A020157		
Ergo 6W A050061–A050104		
Ergo 8W A090321–A090569		
Ergo AF A220001–A220018		

EXHAUST PIPE PROTECTIVE FRAMES		
Suitable mask: AM05543 / AM06666 mask or P56352 bracket. For engines: 3A, 4F & StageV		
Machine model and serial number	No.	
Buffalo 8W A080644 »	0081529	
Buffalo 6W A150015 »		
Buffalo AF A060160 »		
Buffalo Dual A140018 »		
Buffalo King 8W A1200161 »		
Buffalo King 6W A190018 »		
Elephant 8W A180088 »		
Elephant AF A200024 »		
Elephant King A130142 »		
Elephant King AF A110043 »		
Bear 8W A020158 »		
Ergo 6W A050105 »		
Ergo 8W A090570 »		
Ergo AF A220019 »		
Cobra A260001 »		
Bison AF A250001 »		

EXHAUST PIPE PROTECTIVE FRAMES	
Suitable mask: AM05543 / AM06666 mask or P56352 bracket For engines: 3A, 4F & StageV	
Machine model and serial number	No.
Wisent 8W A030132 »	0081530
Elk 8W A070148 »	
Elk 6W A170003 »	
Gazelle A160022 »	
Fox 8W A230001 »	
Beaver A100057 »	
0081530 Bolt holes for the exhaust pipe cover are located in the bumper casing box. Machines manufactured starting from November 2017 include holes and welded nuts for fastening. In older machines, holes need to be drilled and nuts need to be welded inside the casing.	



PONTOON PROTECTIVE COVERS (NOT SCORPION)		
Description	pcs	No.
MS2015 Pontoon protective package	1	0080352



LIGHT COVERS		
MS2015 machine models (not Scorpion)	0075944	

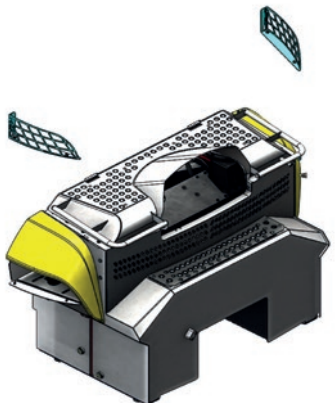


BASE MACHINE BUMPER CASING COVERS		
Model Series 2015	0078433	



FRONT FRAME PROTECTIVE FRAMES			
Machine model and serial number	Suitable mask	For engines	No.
Scorpion A040034–A040117	AM04809	3A & 4F	0075940
Scorpion King A010079–A010278			
Scorpion A040118–A040237	AM05543	3A & 4F	0079206
Scorpion King A010279–A010550	AM06666		
Scorpion A040238 »	AM05543	3A & 4F & StageV	0081528
Scorpion King A010551 »	AM06666		
Front frame protective frames can only be installed in machines equipped with a front cover. Pipes in package 0079206 also include fastening points for a system of three reversing cameras.			

- TO BE NOTED REGARDING THE SUITABILITY OF PROTECTIVE FRAMES:**
- In older models, extra fastening holes may need to be drilled for protective frames.
 - For the exhaust pipe cover, the engine cover's front cover acts as a fastening point. To install, it is required that the machine includes a front cover or a bracket with a fastening point.
 - Front covers are available in two models with different widths. This means that different masks require different pipes!



HYDRAULIC TANK LIGHT COVERS		
MS2015 machine models (not Scorpion)	0079617	



FUEL TANK COVERS MS2015		
Description	pcs	No.
ERGO & COBRA		
Fuel tank protective pipes	1	0075941
Fuel tank lower protective covers	1	0080750
BEAR		
Fuel tank protective pipes	1	0075942
Fuel tank lower protective covers	1	0080750



WHEELS, CHAINS AND TRACKS

Wheels.....	37	Chain mounting tools and accessories	43
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Tellefsdal U-Grip chains	40	Clark tracks	46
OFA chains	41	Yellow tracks	50
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Fram Forestry chains	43	Track mounting tools.....	52

WHEELS



TRELLEBORG TWIN FORESTRY T440		
710/45-26.5 20PR 168/A8 TRELLEBORG T440		0076979
600/55-26.5 20PR 165/A8 TRELLEBORG T440		0077470
710/55-34 20PR 167/A8 TRELLEBORG T440		0079303
750/55-26.5 24PR 182/A8 TRELLEBORG T440		0080483
600/65-34 T440SB 163A8/20PR TRELLEBORG T440		0080617



TRELLEBORG TWIN FORESTRY T480		
710/45-26.5 20PR 168/A8 TRELLEBORG T480		0076980
710/45-26.5 24PR 173/A8 TRELLEBORG T480		0076981
750/55-26.5 24PR 182/A8 TRELLEBORG T480		0077027
600/55-26.5 20PR 165/A8 TRELLEBORG T480		0077473



NOKIAN FOREST KING F		
710/45-26.5 20PR NOKIAN FOREST KING F2		0073930



NOKIAN FOREST KING F2		
780/50-28.5 24 NOKIAN FOREST KING F2		0072734
710/45-26.5 20PR NOKIAN FOREST KING F2		0073930
710/45-26.5 24PR NOKIAN FOREST KING F2		0074327
600/55-26.5 20PR NOKIAN FOREST KING F2		0074597
750/55-26.5 24PR NOKIAN FOREST KING F2		0074610
800/40-26.5 20PR NOKIAN FOREST KING F2		0076112
710/40-22.5/20 NOKIAN FOREST KING F2		0076413
600/50-22.5/20 NOKIAN FOREST KING F2		0079683
710/40-24.5 20PR T445572 FOREST KING F2 SF TT		0081887



NOKIAN FOREST KING TRS2		
710/45-26.5 20PR NOKIAN FOREST KING TRS2		0073697
600/55-26.5 20PR NOKIAN FOREST KING TRS2		0074603
800/40-26.5 20PR NOKIAN FOREST KING TRS2		0075272
750/55-26.5/24 NOKIAN FOREST KING TRS2		0076116
710/40-22.5/20 NOKIAN FOREST KING TRS2		0076421
600/50-22.5/20 NOKIAN FOREST KING TRS2		0077650





NOKIAN RIDER		
710/45R26.5 168 A8/175 A2 Rider		0064976
600/55R26.5 165 A8/172 A2 Rider		0066979
650/45R24.5 161 A8/168 A2 Rider		0067220
600/65R34 165 A8/172 A2 Rider		0068393
710/55R34 171 A8/178 A2 Rider		0068394
800/50R26.5 180 A8/187 A2 Rider		0070461



NOKIAN NORDMAN FOREST TRS L-2		
710/45-26.5 20 NORDMAN FOREST TRS L-2 SF		0076387
700/70-34 20 NORDMAN FOREST TRS L-2 SF TT		0076418
600/65-34 20 NORDMAN FOREST TRS L-2 SF TT		0077167
710/40-22.5/16 NORDMAN FOREST TRS L-2 SF T		0079072



ALLIANCE 344		
600/50-22.5 16 PR		0075695
710/40-22.5 16 PR		0075696
710/45-26.5 20 PR		0075552
750/55-26.5 20 PR		0080194
800/40-26.5 20 PR		0070550
600/55-26.5 20 PR		0082049
800/40-26.5 20 PR		0070549



ALLIANCE 343		
710/40-22,5 16PR		0082553
710/45-26.5 20 PR		0075549
750/55-26.5 20 PR		0075553
800/40-26.5 20PR		0082554



NOKIAN NORDMAN FOREST F		
710/45-26.5 20 T445565 NORDMAN FOREST SF TT		0075120
600/55-26.5 20 T445598 NORDMAN FOREST F SF TT		0076384
750/55-26.5 20 T445597 NORDMAN FOREST F SF TT		0076385
710/40-22.5 16PR T445625 NORDMAN FOREST F		0078931



NORDMAN FOREST TRS L-2 SF TT		
710/40-22.5/16		0079072
750/55-26.5 PR20 Nokian Forest King TRS 2		0076116



ALLIANCE 342		
710/55R34 171A8/178A2		0075554



TIANLI		
700/50-26.5 20PR		0079134
750/55-26.5 TIANLI FF		0080729
750/55-26.5 TIANLI FF		0081138
710/40-22.5-20 FG TIANLI		0082667

PONSSE WHEEL CHAINS

PONSSE chains are assembled manually and manufactured from high-quality materials with a special emphasis on a uniform hardness and tensile strength. In addition, extensive testing and practical experiences have shown that PONSSE chains endure more wear, resulting in a longer service life.



PONSSE VIKING WHEEL CHAINS

TELLEFSDAL U-GRIP CHAINS

The U-Grip chain has a unique structure, with a “U” stud welded under the flat-lying chain links. The studs on the vertical links, together with the “U” studs, guarantee the best grip on the market. The triple-pattern model also includes a very dense sideways protection.



TELLEFSDAL DOUBLE PATTERN

OFA CHAINS

OFA are the green chains of the former Ovako brand, well-known by customers for being top quality. All OFA chains are manufactured from case-hardened boron steel. You can easily install and remove them all by yourself. The chains provide excellent grip, and they protect the wheels against external damage. OFA chains are available for all common wheel sizes.



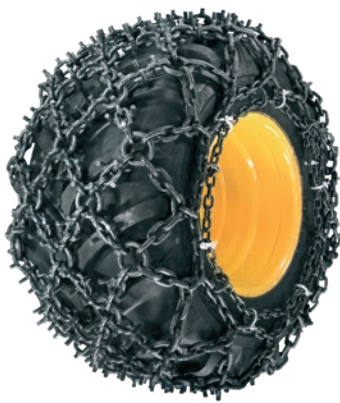
OFA MATTI W DOUBLE PATTERN



PARAGON ROCK 16



PONSSE VIKING WHEEL CHAINS, TRIPLE PATTERN



TELLEFSDAL TRIPLE PATTERN



OFA MATTI W TRIPLE PATTERN



PARAGON SOFT 16

MATTI W

The extra dense pattern of Matti W offers excellent protection against external damage. The chains are designed to withstand extreme use in demanding conditions, such as in ploughing. Available in thicknesses of 13 mm, 16 mm and 19 mm, depending on the wheel size.

NORDCHAIN CHAINS



NORDCHAIN METSÄ-ÄSSÄ 130



NORDCHAIN VERKKOKETJU 130



NORDCHAIN SUPERHOKKI 160

Superhokki 160 is an excellent, low-cost friction chain for anyone who needs excellent grip. The firm 19 mm U-studs ensure steady progress.

16 mm basic chain | 19 mm U-studs and connecting links



NORDCHAIN MEGAHOKKI 160

Megahokki chains include not only a large number of U-studs, but also double studs with two U-studs welded together from their sides. The combination of two different stud models produces maximum wheel grip and increases the chain's tractive force.



SUPERHOKKI 160TS

Superhokki 160TS is the most popular NordChain forest machine chain. Its excellent grip with 19 mm U-studs, long service life and zigzag side chain pattern protect wheels against damage caused by rocks and stumps. A tension chain comes as standard.

16 mm basic chain | 19 mm U-studs and connecting links



MULTIHOKKI 160TS

Multihokki 160TS is an advanced version of the Superhokki chain. It has more studs to protect the wheel better, also in rocky terrain. In addition to wide 19 mm U-studs, vertical links also include 19 mm studs. The dense side pattern protects the tyre wall against sharp rocks and stumps. Case-hardened boron steel guarantees high wear resistance. A tension chain comes as standard, delivered painted blue.

16 mm basic chain | 19 mm U-studs and connecting links

FRAM FORESTRY CHAINS



FRAM FORESTRY DOUBLE PATTERN

CHAIN MOUNTING TOOLS AND ACCESSORIES



CHAIN LINKS	
16 mm chain link PONSSE	0028720
13 mm chain link OFA	0062119
16 mm chain link OFA	0028720
Chain link pin	00287201



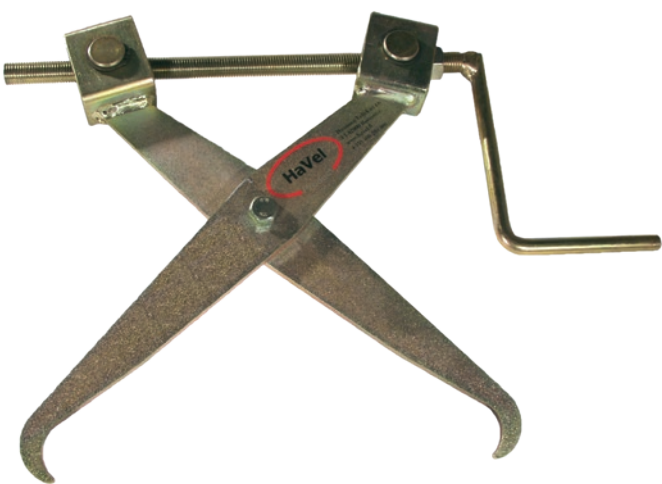
CHAIN HOLDERS	
22.5	0064359
26.5	0064360



CHAIN HOLDERS	
22.5	0064922
26.5	0064923

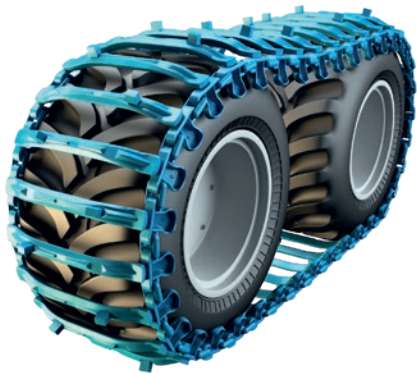


CHAIN HOLDERS	
22.5, 10-bolt	0066790
26.5	0066788
26.5, Low hub. Height 175 mm	0066789
34	0066815



WHEEL CHAIN MOUNTING TOOLS	
Wheel chain tensioner Have	0063217
Chain pin extractor	0063734

OLOFSFORS TRACKS



EVO

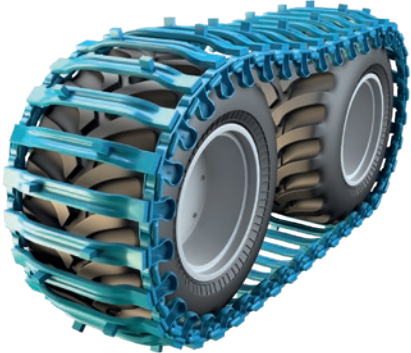
EVO is one of the most popular track models for forest machines. The triangular cross member shape towards the wheel offers excellent grip. The shape also prevents dirt and snow from packing between the wheel and cross member. The combination of a cross member and a sturdy cleat produces excellent grip on all surfaces.

The upper surface of the cross member has been pressed level from three points to strengthen the structure. Cleats can be welded on the outermost levels, making it easy to install new cleats.

EVO Soft shows its mettle in locations where tracks need to offer not only excellent grip and high tractive force, but also excellent flotation.

EVO M is a track solution for larger forwarders and demanding sites. In EVO M, cross members are evenly distributed thanks to the specially dimensioned link system. There are roughly 20% more cross members than in our other track models.

EVO M Soft is a forest machine track designed for large machines and heavy-duty activities.



KOVAX

KovaX is the latest all-purpose track model from Olofsfors for use round the year. The two low grip brushes in the KovaX cross member profile enable good grip and minimise soil disturbance. The pressed inner fastening ensures good wheel grip and the rugged cleat enhances forward motion and gives excellent lateral holding.

KovaX Soft cross members have been designed to be terrain-friendly, and the two-brush cross members, bent from their heads, significantly increase flotation and stability.

KovaX M tracks have roughly 20% more cross members than the regular model. The larger cross member improves flotation, leaves fewer marks in the terrain and increases fuel economy.

Kovax M Soft, with its large number of cross members and the Soft cross member length and shape, is a good all-purpose track.



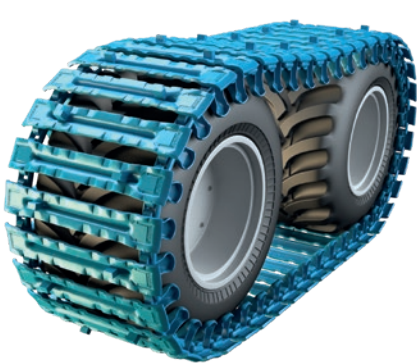
OF

OF tracks are at their best in steep and rocky terrain. They also offer excellent performance in dirt and snow. The OF cross member profile, narrowing towards the wheel, provides good grip. The small contact surface with the wheel and the 50-mm-high cross members make OF tracks a popular model for snowy conditions.

OF Soft enables high wheel and terrain grip. The long and bent cross member heads increase flotation and protect the tyre wall, side links and the ground.

OF M tracks are designed for the largest forwarders and the most demanding tasks. There are roughly 20% more cross members than in our other track models.

OF M Soft is a forest machine tract designed for large machines and heavy-duty activities.



COVERX

CoverX is the latest addition to the Olofsfors track range, designed specifically for harvesting in terrain without any snow cover. The design of CoverX offers excellent grip between the tracks and the ground, as well as between wheels and the tracks. Grip between the tracks and the ground is produced by the cross members, designed to be on separate levels, including a 30-mm-high traction surface. Grip between wheels and the tracks is produced by the curved inner design, conforming to the shape of the wheel surface.

CoverX Soft – straight cross members, combined with a curved inner design, conforming to the share of the wheel surface, and extra-long side guides, make CoverX Soft tracks an excellent all-purpose choice for harvesting in summer.

CoverX M is the best choice for machines, in which the cross member length cannot be increased, but which require maximum flotation, without increasing the total machine width.

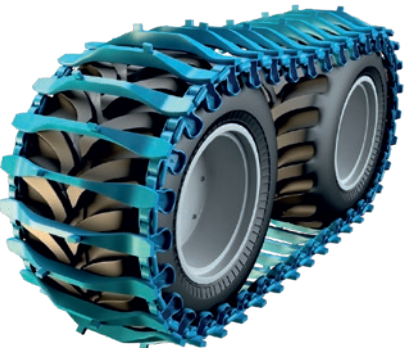
CoverX M Soft, with its long cross members, is the best choice for conditions, in which the surface pressure must be as low as possible, such as in peatlands. The tracks are ideal for harvesting in terrain without any snow cover.



ECO

Eco is an all-purpose track. It is ideal for most surfaces, round the year.

Eco Soft is an advanced model. The ends of the Soft cross members extend outside the side links, and they have been designed to be terrain-friendly.



EX

EX tracks guarantee excellent progress both in steep slopes and in deep snow. The high cross members offer excellent traction in dirt and deep snow, without any dirt or snow packing between the wheel and cross members.

EX cross members are narrow in the middle and wide at the ends, increasing flotation.



BALTIC

Baltic is a track model ideal for sensitive terrain and thinning sites. The wide cross members, rounded towards the wheel from their long side, keep the mat of logging residues left on the trail by a multi-purpose machine intact, even after several rounds.

Baltic Soft tracks have cross members extending outside the linkage system, making this model ideal for terrain where extreme flotation is required, without damaging the ground, even when turning.



U

U tracks have a U-shaped cross member profile. The tracks are ideal for sites requiring high flotation and tractive force.

U Soft tracks work best in soft terrain and steep slopes. The long Soft cross members also protect tyre walls, side links and the ground.

CLARK TRACKS



TERRA85

Terra85 is an all-purpose track for year-round use. Cross members include a high-grip double brush, which guarantees grip and flotation. The low track profile minimises vibration while driving.

- The low cross member profile reduces vibration directed at the operator.
- Arguably the best multi-terrain tracks on the market
- Use all year round, also in snow
- Special heat treatment for cold weather durability
- Cleat size: 50 × 32 × 40 mm, one cleat per cross member



FX

FX tracks are based on the Terra95 multi-purpose tracks. FX tracks are designed for larger forwarders, offering very high wear resistance. The large double cleats in every cross member ensure a long service life compared with regular cleats. FX tracks are excellent in rocky and hard terrain where tracks require a long service life.

- Sturdy cross member, combined with solid cleats
- First-rate grip and flotation
- Ideal for earth-moving machines
- Ideal for rocky conditions
- Extended track pads as standard to protect the side linkage system
- Cleat size: Rocky 75 mm, two cleats per cross member



TXL

TXL tracks are in a league of their own when it comes to maximum flotation. Various tests and studies have proven that TXL tracks produce the best grip and flotation and the lowest damage to the terrain in soft peatlands. The flexible production model enables different options for TXL tracks. Symmetrical and asymmetrical extensions are available at widths requested by our customers, enabling harvesting even in the softest and the most sensitive terrain as a result of a minimal surface pressure. Standard widths of TXL tracks are 930 mm and 1000 mm. Both widths are available in symmetrical and asymmetrical models. Ask for more from your retailer or our technical support.

- Advanced flotation tracks
- Absorbing profile guarantees maximum flotation and a high tractive force
- Suitable for all sizes of forest machines
- Minimised damage when driving on forest roads (without cleats)
- Minimised damage to the terrain
- Different widths available for different wheel and frame combinations
- The lowest surface pressure in our range
- Cleat size: 50 × 32 × 40 mm, one cleat per cross member



TXCL

TXCL tracks are a combination of high-flotation TXL tracks and Terra85 multi-purpose tracks. This enables a better grip when climbing than the original TXL tracks. TXCL tracks are excellent in very soft terrain and on slopes.

- Higher tractive force than in the TXL model
- Wider cross member spacing than in the TXL model for easier cleaning. TXCL tracks should not be used in snowy conditions.
- Cleat size: 50 × 32 × 40 mm, one cleat per cross member



TERRA95

Terra95 is an heavy-duty all-purpose track for larger forwarders and demanding rocky conditions. The large cross member area, combined with the 28 mm side linkage system, guarantees a long service life.

- Arguably the best multi-terrain tracks in its class on the market
- Recommended for more than 14-ton forwarders and demanding harvesting conditions
- The low cross member profile reduces vibration directed at the operator.
- The square profile does not wear, and the absorbing surface guarantees good grip in all conditions
- Use all year round, also in snow
- Ideal for earth-moving machines
- Ideal for rocky conditions
- Cleat size: 50 × 32 × 50 mm, one cleat per cross member



ATF

ATF tracks are designed for soft peatlands and winter conditions. The side linkage system of ATF tracks are wider and the middle of cross members is very narrow, making the tracks easy to clean of mud and snow. The pinched mid-section of the cross members guarantee grip and flotation.

- Recommended for mushy conditions, peatlands, snow and ice
- Upturned cross member edges protect tree roots and make the machine easier to turn
- Cleat size: 50 × 32 × 60 mm, one cleat per cross member



TXFX

TXFX are heavy-duty combination tracks for large forest machines. TXFX tracks are equipped with high-flotation TXL cross members and sturdy FX multi-purpose cross members. TXFX tracks are suitable for soft peatlands requiring flotation and grip on steep slopes.

- Higher tractive force than in the TXL model
- Wider cross member spacing than in the TXL model
- the TXL model for easier cleaning. TXFX tracks should not be used in snowy conditions.
- Cleat size: 50 × 32 × 70 mm, two cleats per TXL cross member; Rocky 75 mm, two cleats per FX cross member



TXGL

TXGL tracks combine the best properties of TXL and Grouzer (GL) tracks. This combination is excellent in wet peatlands and on steep slopes.

- Maximum grip and climbing capacity compared with TXL tracks.
- Wider cross member spacing than in the TXL model for easier cleaning. TXGL tracks should not be used in snowy conditions.
- Cleat size: 50 × 32 × 50 mm, one cleat per TXL cross member; 50 × 25 × 40 mm, one cleat per GL cross member

CLARK TRACKS



FL15

High-flotation FL15 tracks are designed for harvesters and small and medium-sized forwarders. The low surface pressure and good grip help to keep productivity high in soft peatlands.

- Wide and close-spaced flotation cross members offer a low surface pressure.
- The bent and absorbing cross member profile guarantees good grip.
- Cleat size: 50 × 32 × 50 mm, one cleat per cross member



CS

CS tracks are based on Grouzer tracks. Traction is maximised through the addition of wide cleats to the middle of cross members and long cleats to the edges. These tracks are designed for safe harvesting on steep slopes.

- Aggressive cleats ensure good grip on steep slopes
- Maximised traction
- Cleat size: two 50 × 25 × 100 mm cleats in every other cross member; 50 × 25 × 70 mm + 50 × 25 × 100 mm cleats in every other cross member



GROUZER

Grouzer multi-purpose tracks offer good grip, especially on slopes. These tracks are ideal for nearly all machine models and terrain types.

- The Grouzer cross member profile guarantees good grip and progress in nearly all conditions.
- Multi-purpose tracks for use around the year
- Ideal for slopes
- Cleat size: 50 × 25 × 40 mm, one cleat per cross member



ROCKY

Rocky tracks are ideal for slopes and rocky terrain. The tracks are also suitable for mushy conditions, as the wide-spaced cross member pattern is easy to clean. Rocky tracks are at their best in snowy conditions, especially in deep snow.

- The absorbing square cross member profile guarantees good grip
- Suitable for steep slopes
- Good properties in snowy conditions
- Cleat size: 50 × 32 × 40 mm, one cleat per cross member



SFL15

SFL15 is a wider version of FL15 tracks. Upturned cross member heads extending outside the side linkage system protect the ground and are terrain-friendly, especially at thinning sites and on softwood mats. SFL15 is ideal for small and medium-sized forest machines.

- Symmetrically upturned cross members offer good grip
- Upturned cross member edges protect tree roots
- The machine is easy to turn
- Cleat size: 50 × 32 × 50 mm, one cleat per cross member



CX

CX tracks are designed for extreme slopes. Cross members are equipped with very wide cleats to guarantee maximised grip on very steep and demanding slopes.

- Aggressive cleats ensure good grip on steep slopes
- Maximised traction
- Cleat size: 50 × 25 × 100 mm, two cleats per cross member



TXSG

TXSG high-flotation tracks are designed for harvesters. These tracks minimise the surface pressure and maximise flotation.

- Flotation on soft peatlands
- Cleat size: 50 × 32 × 40 mm, two cleats in every other cross member, three cleats in every other cross member



GSG

Grouzer Super Grip (GSG) tracks are designed for slopes and especially for six-wheel forest machines. Low-maintenance GSG tracks ensure good grip.

- Maximum grip and low maintenance
- Cleat size: 50 × 25 × 40 mm, two cleats in every other cross member, three cleats in every other cross member

YELLOW TRACKS



YELLOWTRACK MULTI

The profile design offers excellent traction and stability on different surfaces. The profile is ideal for steep and rocky conditions, as well as mud and snow.

Applications

- Demanding and rocky conditions
- Mud and snow

Product features

- Optimal grip in different terrain types
- Tread design enables maximum grip between wheels and tracks
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear



YELLOWTRACK GROOVE

The special profile design offers excellent traction and stability on different surfaces. The profile is ideal for steep and rocky conditions, as well as mud and snow.

Applications

- Demanding and rocky conditions
- Mud and snow

Product features

- Optimal grip in different terrain types
- Tread design enables maximum grip between wheels and tracks
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear



YELLOWTRACK EXTREM

Designed for the most demanding of conditions. The profile design offers excellent traction and stability on steep slopes and continuous traction between wheels and tracks.

Applications

- Demanding and rocky conditions
- Treads designed for the steepest slopes

Product features

- Optimal grip in hard and rocky terrain
- Tread design enables maximum grip between wheels and tracks
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear



YELLOWTRACK SOFT

The profile design offers a large contact surface against the ground and, therefore, excellent traction and stability in soft and marshy conditions. The profile minimises impact on the ground.

Applications

- Soft and marshy conditions
- For conditions where impact on the environment and vegetation needs to be minimised

Product features

- Optimal grip in different terrain types
- Treads have been designed to minimise impact on the ground
- Tread design enables maximum grip between wheels and tracks
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear



YELLOWTRACK COMBO MS

A combination of MULTI and SOFT profiles. The tracks offer excellent traction, also in changing conditions.

Applications

- Demanding conditions
- Mud and snow
- Soft and wet conditions

Product features

- Optimal grip in different terrain types
- Tread design enables maximum grip between wheels and tracks
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear



YELLOWTRACK COMBO GS

A combination of GROOVE and SOFT profiles. The tracks offer excellent traction, also in changing conditions.

Applications

- Demanding conditions
- Mud and snow
- Soft and wet conditions

Product features

- Optimal grip in different terrain types
- Tread design enables maximum grip between wheels and tracks
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear



YELLOWTRACK COMBO ES

A combination of EXTREM and SOFT profiles. The tracks offer excellent traction, also in changing conditions.

Applications

- Demanding conditions
- Mud and snow
- Soft and wet conditions

Product features

- Optimal grip in different terrain types
- Tread design enables maximum grip between wheels and tracks
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear



YELLOWTRACK MEGA

The MEGA profile is an improved version of the SOFT profile. It is designed for conditions where a larger track surface is required – very marshy conditions and conditions where machine stability is a must.

Applications

- Soft and marshy conditions
- For conditions where impact on the environment and vegetation needs to be minimised

Product features

- Optimal grip in different terrain types
- Treads have been designed to minimise impact on the ground
- Tread design enables maximum grip between wheels and tracks
- The profile can be extended on both sides
- The structure enables automatic cleaning while driving
- Heat-treated material, reducing track wear

TRACK ACCESSORIES



TRACK JOINTS, LINKS AND CLEATS

Description	No.
OLOFSFORS	
Track joint 18 × 86	0028696
Track joint 18 × 135	0028688
Track joint 22 × 90	0028712
Track joint 22 × 135	0028704
Track joint 26 × 105	0067971
Track joint 26 × 155	0067972
Connecting piece for track joint, 22 mm	00287121
Connecting piece for track joint, 26 mm	00679711

TRACK LINK OLOFSFORS

22 × 49.5 × 51.5	0067969
26 × 51 × 55	0067970
Mixed track	0067175
Mixed track	0067176
Mixed track	0067177
45 × 15 × 132/80 Eco-Track	0069154
45 × 18 × 150/80 Baltic track	0071448
45 × 15 × 150, all Olofsfors tracks with 22 mm side links	0072463

TRACK LINK CLARK

JL-22-95	00625541
JL-24-160	0070470
JL-28-105	0071248
JL-28-160	0071249

WELDED TRACK CLEATS

45 × 20 × 27	0064798
45 × 35 × 20	0064705
45 × 35 × 20, track cleat set, 80 pcs	006470580
50 × 30 × 35 EVO	0072429
65 × 50 × 25	0067627
50 × 40 × 32 CLARK	0071053
Track joint bolt	0068786
Eco-Track extension, welded	0071657

TRACK MOUNTING TOOLS

Mounting is quick and easy using Olofsfors tools. Tools are available for the most common track chain models.

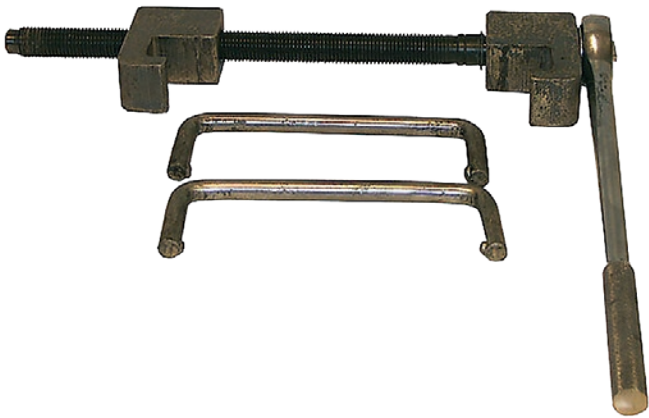


OLOFSFORS TRACK TENSIONERS

Eco-Track/Soft	0061822
Eco-Of/Max	0061823
Eco-L	0061824
Eco-U/Wide	0058348
Eco-Baltic/Magnum	0061826
ECO-Max-Magnum	0067120
Mixed track	0061825
Eco-EVO	0070323

TRACK TENSIONER CASE OLOFSFORS

Contents:	1 pc Eco-Baltic threaded jaw	0070535
1 pc Gear system	1 pc Case with lining	
1 pc Eco-Track T-jaw	1 pc Grease tube 60 g	
1 pc Eco-Track threaded jaw	1 pc Cleaning brush	
1 pc Eco-Of T-jaw	2 pcs Bolt M20×50 Eco-Of	
1 pc Eco-Of threaded jaw	1 pc Extension	
1 pc Eco-Baltic T-jaw	1 pc Drawing hook pair	



TRACK TENSIONERS

Track tensioner Eco-Track, Eco-Soft, Eco-Of, Eco-Max, Eco-Baltic, Pro-Track, Mixed track	ST0292
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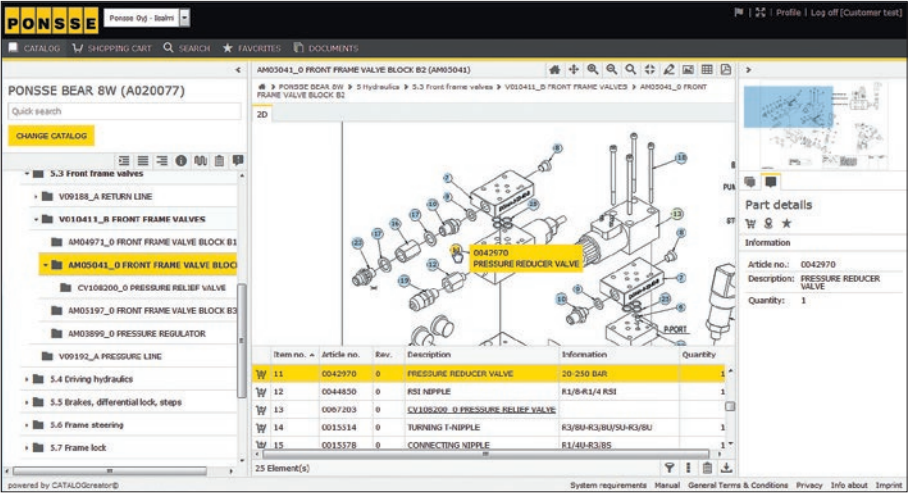
HAVEL TRACK TENSIONERS

Mechanical	ST0351
Hydraulic	ST0352

CLARK TRACK TENSIONERS

All models	0072110
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PONSSE PARTS ONLINE
PARTS ONLINE 24/7



PONSSE spare parts and manuals are now available online, conveniently and free of charge, 24 hours a day. In the service, you get real-time information on prices and availability for parts. Through PONSSE Parts Online, you can order the parts you need from the outlet of your choice. In addition, the service includes useful information, such as spare parts manuals and Owner's Manuals, and you can add machine-specific notes to the service.

You can subscribe to the service at your nearest PONSSE service centre, also by telephone or via email.

Check the availability of PONSSE Parts Online in your market area by contacting your local PONSSE partner:



CHECK THE PRODUCT RANGE IN THE
PONSSE SERVICE APPLICATION
MOBILE APP

Using the mobile app, you can easily check PONSSE maintenance service products, such as saw bars and chains, as well as feed rollers. In addition, the purpose of the selections featured in the app is to find the correct product more quickly.

The app can be downloaded from Google Play and App Store, and it also works offline.



Google Play



App Store



HARVESTER PARTS

Saw bar damage.....	55
Saw bars, chains and accessories.....	56
Sharpening angles.....	58
Stump treatment.....	59

SAW BAR DAMAGE



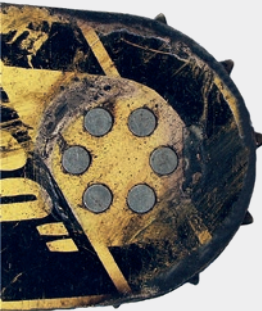
DAMAGE:
Cracking in the chain groove,
excessive wear of the chain groove
behind the end wheel.

CAUSE/REASON:
Loose chain.



DAMAGE:
Burn marks around rivets;
broken/worn, jammed end wheel.

CAUSE/REASON:
Overheat in bearings, clogged
oil channel.



DAMAGE:
Burnt saw bar tip, broken end wheel.

CAUSE/REASON:
Chain too tight



DAMAGE:
Burn marks on the saw bar frame.

CAUSE/REASON:
Flattened saw bar groove, clogged
oil channel.

SAW BARS, CHAINS AND ACCESSORIES



SAW BARS							
Chain type	Base	Saw bar length	Note:	Sprockets	Ponsse	GB	Oregon
2.0 mm	Wide	64 cm		13–15	0065974	0079506	0028622
2.0 mm	Wide	75 cm		13–15	0065970	0078182	0028604
2.0 mm	Wide	75 cm		16–17	0065970	0078182	0028604
2.0 mm	Wide	80 cm		13–15			0061448
2.0 mm	Wide	64 cm	UREA	13–15	0066675		00286262
2.0 mm	Wide	64 cm	UREA	16–17	0066675		00286262
2.0 mm	Wide	75 cm	UREA	13–15	0066673	0077520	00286282
2.0 mm	Wide	75 cm	UREA	16–17	0066673	0077520	00286282
2.0 mm	JET-FIT	75 cm		16–17	0065972	0077522	0061207
2.0 mm	JET-FIT	82 cm		13–15			0061956
2.0 mm	JET-FIT	82 cm		16–17	0065971	0078574	0060709
2.0 mm	JET-FIT	75 cm	UREA	16–17	0069556	0078340	0062323
2.0 mm	JET-FIT	82 cm	UREA	16–17	0066674	0078573	0061833
2.0 mm	Narrow	64 cm		9–12			0028634
2.0 mm	Narrow	75 cm		9–12			0028635
2.0 mm	Top wheels						0036752



SPEEDMAX SAW BARS							
Chain type	Base	Saw bar length	Note:	Sprockets			Item
2.0 mm	JET-FIT	64 cm		14–15		0081717 use 18HX chain	
2.0 mm	JET-FIT	75 cm		15–16			0081143
2.0 mm	Wide	75 cm		14–15		0080960 use 18HX chain	
2.0 mm	JET-FIT	75 cm		14–15		0080963 use 18HX chain	
2.0 mm	JET-FIT	82 cm		15–16			0081146
2.0 mm	JET-FIT	82 cm		14–15		0080964 use 18HX chain	
2.0 mm	JET-FIT	90 cm		15–16			0081147
2.0 mm	Top wheel						0078701
2.0 mm	Rivet set						0078870



SPROCKETS				
Number of teeth	Ponsse	GB	Oregon	Open wheel
9		(3/4" chain) 0065688		0044349
10			0036755	0044350
11			0036747	0044353
12			0036748	0044352
13	*P32444	0061871		0044351
14	*P11710	0061874		
15		0061872	0061872	
16	P13252			
17	230713	0061873		

* Mushroom model (chain tensioner + small saw motor)



SAW BAR FASTENING	
Threaded bolt for regular saw bar	P19842
Threaded bolt for Jet-Fit saw bar	P26317
Jet-Fit stop screw	231069
Nordlock	0060177
Normal low nut	0058402
New thicket nut	0064810



CHAIN ROLLERS	
Description	No.
PONSSE	
2.0 mm HX	0067866
OREGON	
2.0 mm HX	0039073
STIHL	
2.0 mm	0061425
2.0 mm Magnum	0064749



CHAIN LINKS	
Description	No.
OREGON 1.6 MM	
Male	0043980
Female	0043990
OREGON 2.0 MM	
Male	0061130
Female	0066910
OREGON HX18	
Male	0066563
Female	0066910
STIHL 1.6 AND 2.0 MM	
Male	0064174
Female	0064174
STIHL MAGNUM	
Male	0064878



COMPLETE CHAINS

Chain links	No.
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PONSSE HX

76	0067863
77	0067884
78	0067864
79	0067885
87	0067886
88	0067865
89	0067887
90	0067888
97	0067867

OREGON 2.0 MM

76	00390731
86	0066485
87	00390732
89	00390733

STIHL 2.0 MM

76	0064745
77	0065243
78	0064746
86	0062089
87	0062088
88	0065244
89	0062547
90	0062749
94	0062087
95	0064747
97	0064748
100	0066488



SAW CHAIN MAINTENANCE

Chain sharpener 220 V	0043950
Sharpener, hydraulic quick-coupling	0057914
Automatic sharpener	0067133
Chain breaker	0044340
Chain breaker anvil	0060974
Rivet tool	0044330
Rivet tool anvil	0043996
Die/tip	0039074
Shaping tool for a sharpening wheel	0071421
Grinding stone	0071482
Arm return spring	0043951
Arm return spring	0070509
Grinding wheel, 145 × 4.7 × 22 32660	0028747
Grinding wheel, 145 × 7.9 × 22.3 32902	0067084
Grinding wheel, 32660P/N, 145 × 4.7 × 22.2 OREGON	0070014
Grinding wheel, 150 × 4.7 × 16 BLACK	0071611
Grinding wheel, 150 × 4.0 × 16 WHITE	0067134
Grinding wheel, CBN148/16 DIAMOND	0071612
Grinding wheel, 150 × 4 × 16 BLUE	0071614

SHARPENING ANGLES

		A	B	D
16H	7/32" 5.5 mm	35°	10°	.050" 1.3 mm
18H, 18HX	7/32" 5.5 mm	35°	10°	.050" 1.3 mm

STUMP TREATMENT



STUMP TREATMENT PUMPS

Stump treatment spray refilling pump	0061282
Seal set for refilling pump	0065933
Stump treatment spray spraying pump	P19775
Seal set for spraying pump	NH40590-05



END SLEEVES

4.0 mm, grey	0056172
2.5 mm, blue	0017305
1.5 mm, red	0017307
1.0 mm, yellow	0017310
0.75 mm, white	0017306
0.5 mm, orange	0017308
0.25 mm, light blue	0017309



ROTARY JOINT

1"	0047860
3/4"	0062410



ROTARY JOINT, TAIMI

BSP

3/4" BSP MALE-MALE	0070142
3/4" BSP MALE, SWIVEL CARTRIDGE	0068179
1" BSP MALE-MALE	0068178
1" BSP MALE, SWIVEL CARTRIDGE	0069569
1 1/4" BSP MALE, SWIVEL CARTRIDGE	0070140

ROTARY JOINT, TAIMI

ORFS

3/4" ORFS MALE-MALE	0071461
3/4" ORFS MALE, SWIVEL CARTRIDGE	0071463
1" ORFS MALE-MALE	0071462
1" ORFS MALE, SWIVEL CARTRIDGE	0071464



ROTARY JOINT, INDEXATOR

3/8"	0062882
1/2"	0062883
3/4"	0062410
1"	0047860
1 1/4"	0066914
BSP 1/4U-1/4S	0065819
Seal set 1"	0047861



CRANE AND LOADER PARTS

Slide pad sets	61
Complete chain sets.....	61
Grapples.....	62
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SLIDE PAD SETS



HARVESTER CRANES		
Crane model	Crane serial number	No.
C50	C010001 »	0078395
C44+	330001 »	
C22+	380001–380098	
C44	350001–350252	
C5	370001 »	0078388
C6	360011 »	0078389
C55	290001 »	0078396
C22	340001–340255	0080117
C33	260001–260216	
C2	320001–320089	0071491
C4	310001–310626	
C2	320090–320091	0073292
C4	31627–31641	0073293
C2	320092–320120	
C4	310642–310764	0063214
HN125	25323–252210	
HN200	20001–20012	0063215

FORWARDER LOADERS		
Loader model	Loader serial number	No.
K90+, M&S-models	910001 »	0078390
K100+, M&S-models	940001 »	
K90Dual+	970001 »	0078392
K70+, M & S-models	710001 »	
K121, M-model	C020007 »	0081377
K121, S-model	C020008 »	0081378
K90, M&S-models	900001–901141	0063211
K100, M&S-models	930001–930250	
K90Dual	920001–920183	0063213
K70, M&S-models	70001–70315	
K70Dual	720001–720003	
K75	75001–75219	

COMPLETE CHAIN SETS



HARVESTER CRANES		
Crane model	Crane serial number	No.
C5	370001 »	AM02965
C6	360011 »	AM02041
C2	320001–320120	AM02125
C4	310001–310764	
HN200	20001–20012	AM02125
	27013–27630	
HN125	25323–252210	AM02124

FORWARDER LOADERS		
Loader model	Loader serial number	No.
K90M+	910001 »	AM02042
K100M+	940001 »	
K90Dual+	970001 »	AM02957
K70M+	710001 »	
K121M	C020007 »	
K90M	900001–901141	
K100M	930001–930250	AM02122
K90Dual	920001–920183	
K70M	70001–70315	AM01614
K70Dual	720001–720003	
K75	75001–75219	

GRAPPLES – STANDARD



PONSSE 025	
<ul style="list-style-type: none">The double cylinders of the standard grapple guarantee low and even loads, resulting in less wear.	0062551



PONSSE 028	
<ul style="list-style-type: none">The double cylinders of the standard grapple guarantee low and even loads, resulting in less wear.	0057847



PONSSE 035	
<ul style="list-style-type: none">The double cylinders of the standard grapple guarantee low and even loads, resulting in less wear.	0058689



PONSSE 040	
<ul style="list-style-type: none">The double cylinders of the standard grapple guarantee low and even loads, resulting in less wear.	0061508

PONSSE C30	
<ul style="list-style-type: none">A sturdy basic grapple for small and medium-sized forwarders.	0080544

PONSSE C42	
<ul style="list-style-type: none">A large opening of 2010 mm for efficient working.Maximum load-carrying capacity 6000 kg.	0076564

PONSSE C46	
<ul style="list-style-type: none">For efficient workingA large opening of 2010 mmMaximum load-carrying capacity 6000 kg.	0082235

PONSSE C26L	
<ul style="list-style-type: none">A compact and efficient grapple with the largest opening in its class.	0080543

PONSSE C36L	
<ul style="list-style-type: none">A reliable medium-sized grapple for forwarders.	0080545

PONSSE SG260	
<ul style="list-style-type: none">The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.High-strength steel and robot welding minimise downtime.	0081092

PONSSE SG260 (BRONZE BUSHINGS)	
<ul style="list-style-type: none">The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.High-strength steel and robot welding minimise downtime.	0081092

PONSSE SG360	
<ul style="list-style-type: none">The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.High-strength steel and robot welding minimise downtime.	0081568

PONSSE SG360 (BRONZE BUSHINGS)	
<ul style="list-style-type: none">The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.High-strength steel and robot welding minimise downtime.	0081568

PONSSE SG420	
<ul style="list-style-type: none">The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.High-strength steel and robot welding minimise downtime.	0067187

PONSSE SG420 (BRONZE BUSHINGS)	
<ul style="list-style-type: none">The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.High-strength steel and robot welding minimise downtime.	0081535

GRAPPLES – HEAVY-DUTY



PONSSE SG260S	
<ul style="list-style-type: none">A reinforced model for demanding forestry and excavation applications.The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.Strong and cast push bars	0067171

PONSSE SG260S (BRONZE BUSHINGS)	
<ul style="list-style-type: none">A reinforced model for demanding forestry and excavation applications.The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.Strong and cast push bars	0081091

PONSSE SG260RS	
<ul style="list-style-type: none">A reinforced S-model for demanding forestry and excavation applications.The narrowing pin bushing prevents any movement in joints.Strong and cast push bar	0075750

PONSSE SG260RS (BRONZE BUSHINGS)	
<ul style="list-style-type: none">A reinforced S-model for demanding forestry and excavation applicationsThe narrowing pin bushing prevents any movement in jointsStrong and cast push bar	0081094

PONSSE SG360S	
<ul style="list-style-type: none">A reinforced model for demanding forestry and excavation applications.The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.Strong and cast push bars	0080468

PONSSE SG360RS	
<ul style="list-style-type: none">An extra reinforced S-model for the most demanding forest machine and excavator operations	0080469

PONSSE SG420S (BRONZE BUSHINGS)	
<ul style="list-style-type: none">A reinforced model for demanding forestry and excavation applications.The narrowing pin bushing prevents any movement in jointsThe cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.Strong and cast push bars	0081826



PONSSE 028HD	
<ul style="list-style-type: none">Our most efficient grapple is designed for heavy lifting and heavy-duty operations.	0061783



PONSSE 035HD	
<ul style="list-style-type: none">Our most efficient grapple is designed for heavy lifting and heavy-duty operations.	0060611



PONSSE 040HD	
<ul style="list-style-type: none">Our most efficient grapple is designed for heavy lifting and heavy-duty operations.	0065442

PONSSE C36L HD	
<ul style="list-style-type: none">A reinforced HD model with extra strong jaws for demanding forwarder operations.	0080546

GRAPPLES – BIO



PONSSE C42E5	
<ul style="list-style-type: none">• A sturdy five-spoke energy grapple.• Spikes made from Hardox 400 wear-resistant steel.	0077267



PONSSE C30E4	
<ul style="list-style-type: none">• A reliable four-spoke energy grapple for basic operations.• Spikes made from Hardox400 wear-resistant steel.	0077265



PONSSE 028R	
<ul style="list-style-type: none">• The Bio model is designed for the quick and easy processing of edge and waste materials, tree parts and other materials.	0062667



PONSSE 035R	
<ul style="list-style-type: none">• The Bio model is designed for the processing of quick and easy edge and waste materials, tree parts and other materials.	0062668

PONSSE C46 E4	
<ul style="list-style-type: none">• A reliable four-spoke energy grapple for basic operations.• Spikes made from Hardox400 wear-resistant steel.	0082445

PONSSE SG260R	
<ul style="list-style-type: none">• For the processing of logging residues and bioenergy wood• The narrowing pin bushing prevents any movement in joints• The cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.	0067185

PONSSE SG260R (BRONZE BUSHINGS)	
<ul style="list-style-type: none">• For the processing of logging residues and bioenergy wood• The narrowing pin bushing prevents any movement in joints• The cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.	0081093

PONSSE SG360R (BRONZE BUSHINGS)	
<ul style="list-style-type: none">• For the processing of logging residues and bioenergy wood• The narrowing pin bushing prevents any movement in joints• The cylinder shock absorber reduces impact loads, designed for an operating pressure of up to 25 MPa.	0081569

GRAPPLES – DUO

PONSSE 028 DUO	
<ul style="list-style-type: none">• Duo saves time when changing from branches to regular timber and the other way round – quickly.	0077503



PONSSE 035 DUO	
<ul style="list-style-type: none">• Duo saves time when changing from branches to regular timber and the other way round – quickly.	0076219

GRAPPLES – V-SHAPE



PONSSE 035 V-SHAPE	
<ul style="list-style-type: none">• The V-shape reminds us of our standard grip and is specifically designed to make sorting easier.	0076755



GRAPPLE FITTING SET	
HULTDINS 260	0065966
HULTDINS 360	0066911
HULTDINS 360S	0066912
HSP 028	0065965
HSP 035	0065965
HSP 035HD	0066671
HSP 040	0065965

ROTATORS



INDEXATOR FOR FORWARDERS	
GV12S	0068181
G121	0068185
GV12S-2	0068187
GV12-2	0068190
G121-2	0070139
GV17S	0070551
G141-2	0078425



INDEXATOR FOR HARVESTERS	
AV12S	0068182
AV17S	0068188
H132	0068189
AV14S	0071413
H182	0078891
H152	0080005

BLACK BRUIN	
RH3016 H-085 TR310.L100 2	0077616
RH3016 H-085 TR310.L1002K	0077984
RH3016	0078110
RH3016 H-085 T	0078880

ROTOBEC	
RT502	0072038
RT503E08	0073304

HYDRAULIC FITTINGS

Using original PONSSE hydraulic fittings, you can ensure that the original dimensions remain unchanged at demanding sites. When designing connections and routes, minimised flow losses are taken into consideration in addition to reliability and installation. By using PONSSE fittings and hoses, you can secure flexible routing and easy installation.

Fittings intended for specific sites guarantee the tightness and reliability of hydraulic systems.

INDICATING THE SIZES OF FITTINGS

The size of fittings is always indicated as follows:

- 1. Thread type
- 2. Thread size
- 3. Other indications: external thread (U), internal thread (S) and turning capacity (/SU)
- 4. The angle is indicated after the size information.
- 5. Any forged fittings are indicated as the last piece of information (indication T).

EXAMPLE 1

Turning T-fitting:
R3/4U-R3/4S/SU-R3/4U

R3/4U R = R-thread, 3/4 = 3/4 inches,
 U = external thread

R3/4S/SU R = R-thread, 3/4 = 3/4 inches,
 S = internal thread, /SU = turning



EXAMPLE 2

Forged 90° angle fitting:
R1/4U-R1/4S 90° T

R1/4S 90° T R = R-thread, 1/4 = 1/4 inch,
 S = internal thread,
 90° = 90° angle fitting,
 T = forged

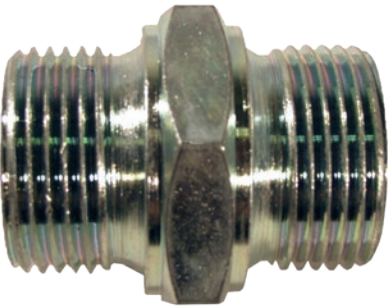


HYDRAULICS

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DOUBLE FITTINGS

- The thread type may vary, but the nominal size of both ends is the same.
- Always an external thread at both ends



R1/8"		
R1/8-R1/8		0060058
R1/8-U7/16JIC		0034207
R1/8-M12×1.5		0015730

R1/4"		
R1/4-R1/4		0015735
R1/4-U9/16JIC		0021956
R1/4-U7/16JIC		0015719
R1/4-M16×1.5		0015736
R1/4-M14×1.5		0015731
R1/4-M12×1.5		0015726

R3/8"		
R3/8-R3/8		0015503
R3/8-U9/16JIC		0015727
R3/8-U7/8JIC		0055299
R3/8-U7/16JIC		0065245
R3/8-U1/2JIC		0034199
R3/8-NPTF3/8		0015776
R3/8-M20×1.5		0015738
R3/8-M18×1.5		0015737
R3/8-M16×1.5		0015740
R3/8-M14×1.5		0015733
R3/8-BSPT3/8		0015511

R1/2"		
R1/2-R1/2		0015842
R1/2-U9/16JIC		0000356
R1/2-U7/8JIC		0058340
R1/2-U7/16JIC		0000337
R1/2-U11/16JIC		0061322
R1/2-NPTF3/8		0034223
R1/2-M26×1.5		0015732
R1/2-M22×1.5		0058267
R1/2-M20×1.5		0015739
R1/2-M18×1.5		0022643
R1/2-M16×1.5		0060167
R1/2-BSPT1/2		0015834

R3/4"		
R3/4-R3/4		0015479
R3/4-U3/4JIC		0034181
R3/4-U15/16JIC		0065252
R3/4-U13/16JIC		0058343
R3/4-U11/16JIC		0067144
R3/4-NPTF3/4		0015867
R3/4-M26×1.5		0041520
R3/4-BSPT3/4		0015487
R3/4-11/16JIC		0015859

R1"		
R1-R1		0033019
R1-U15/8JIC		0065253
R1-U15/8 UNF		0067776
R1-U15/16JIC		0015438
R1-U11/16JIC		0000359
R1-NPTF1		0015446

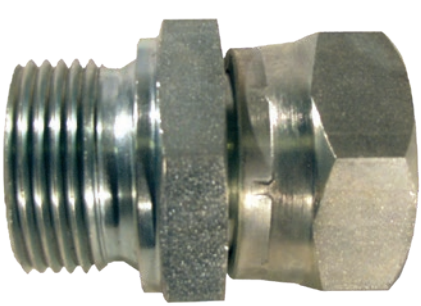
R11/4"		
R11/4-R11/4		0033020
R11/4-U15/8JIC		0015439
R11/4-U15/16JIC		0000339

R11/2"		
R11/2-R11/2		0033025
R11/2-U17/8JIC		0022046

R2"		
R2-R2		0059389

CONNECTING FITTINGS

- Always an external and internal thread.



R1/8"		
R1/8U-R1/4S		0015633
R1/8U-R1/8S		0015634

R1/4"		
R1/4U-R1/8S		0015586
R1/4U-R1/4S		0015750
R1/4U-R3/8S		0015578
R1/4U-U7/16S		0000326
R1/4U-R1/2S		0000068
R1/4U-JIC9/16S		0065766
R1/4U-U9/16S		0067146

R3/8"		
R3/8U-R1/4S		0015560
R3/8U-R3/8S		0015768
R3/8U-ORFS3/8S		0058854
R3/8U-R1/2S		0015552
R3/8U-U9/16S		0000376

R1/2"		
R1/2U-R1/4S		0010263
R1/2U-R3/8S		0010264
R1/2U-R1/2S		0015826
R1/2U-R3/4S		0015529

R3/4"		
R3/4U-R1/2S		0015594
R3/4U-U11/16S JIC		0065821
R3/4U-R3/4S		0015495
R3/4U-R1S		0015602
R3/4U-1S ORFS		0067121
R3/4U-R11/4S		0061206

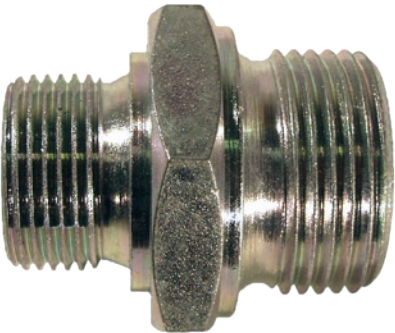
R1"		
R1U-R3/4S		0044170
R1U-U15/16S JIC		0066632
R1U-R1S		0000067
R1U-R11/4S		0000073
R1U-R11/2S		0066395

R11/4"		
R11/4U-R1S		0000072
R11/4U-R11/4S		0044175

R11/2"		
R11/2U-R11/4S		0055160
R11/2U-R11/2S		0000077

REDUCING FITTINGS

- An external thread at both ends.
- Always a different thread size at different ends.



R1/8"		
R1/8-R1/4		0015636
R1/4"		
R1/4-R3/8		0024398
R1/4-R3/8 L=87MM		0044870
R1/4-R1/2		0015644
R1/4-U3/4 JIC		0000391
R1/4-U3/4		0015720

R3/8"		
R3/8-R1/2		0015651
R3/8-R3/4		0015669
R3/8-U3/4JIC		0000354
R3/8-U3/4		0015721

R3/4"		
R3/4-M22×1.5		0064990
R3/4-U7/8JIC		0015729
R3/4-U11/16		0022055
R3/4-U15/16		0022054
R3/4-U15/16JIC		0065252
R3/4-R1		0015693
R3/4-R11/4		0024414
R3/4-R11/2		0034231

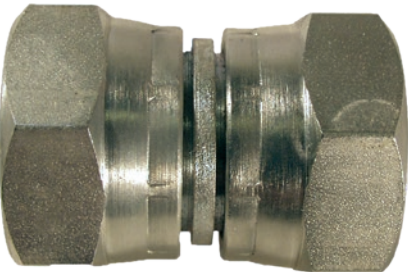
R1/2"		
R1/2-RK3/8		0015628
R1/2-R3/4		0015677
R1/2-U3/4JIC		0015818
R1/2-R1		0015685

R1"		
R1-R11/4		0015701
R1-R11/2		0024406

R11/4"		
R11/4-R11/2		0015702

EXTENSION FITTINGS

- Always with internal threads.



R11/4"		
R1/4-R1/4		0015784
R3/8-R3/8		0015743
R1/2-R1/2		0015792
R3/4-R3/4		0055053
R1-R1		0022648

LEAD THROUGH FITTINGS

- Lead through fittings differ from standard fittings in terms of length.



R1/4"		
R1/4-R1/4 STRAIGHT		0021990
R1/4SU-R1/4 90°		0055123

R3/8"		
R3/8-R3/8 STRAIGHT		0021991
R3/8SU-R3/8 90°		0063731

R1/2"		
R1/2-R1/2 STRAIGHT		0042000

R3/4"		
R3/4-R3/4 STRAIGHT		0015480
3/4JIC-3/4JIC STRAIGHT		0066961

ANGLE FITTINGS

- The fitting is forged if the final letter is T.
- The BSPT indication which replaces the thread type marking refers to a cone-like BSP thread.



R1/4"		
R1/4U-R1/4S 45° T		0022647
R1/4U-BSPT1/4U 90°		0015875
R1/4U-R1/4S 90° T		0022649
R1/4U-U7/16U 90°		0065269

R3/8"		
R3/8U-R3/8S 45° T		0062053
R3/8U-R3/8S 90° T		0048259
R3/8U-R3/8U 90°		0015883

R1/2"		
R1/2U-R1/2S 45° T		0062056
R1/2U-R1/2S 90° T		0048260
R1/2U-R1/2U 90°		0015891

R3/4"		
R3/4U-R3/4S 45° T		0033005
R3/4U-BSPT3/4U 90°		0035857
R3/4U-R3/4S 90° T		0039961

R1"		
R1U-R1S 45° T		0033006
R1S/SU-R1/2U 90° T		0067590
R1U-BSPT1U 90°		0035856
R1U-R1S 90° T		0039960

TURNING ANGLE FITTINGS

- The /SU indication refers to the branch, from which the fitting can be turned using a tightening nut.



R1/4"		
R1/4U/SU-R1/4U 45°		0015519
R1/4U/SU-R3/8U 45°		0015520
R1/4U/SU-U9/16U 45°		0065264
R1/4U/SU-R1/4U 90°		0044781
R1/4U/SU-R3/8U 90°		0015513
R1/4U/SU-U7/16U 90° JIC		0065269
R1/4U/SU-U9/16U 90°		0065297
R1/4U/SU-U3/4U 90° JIC		0000306

R3/8"		
R3/8U/SU-R3/8U 45°		0015521
R3/8U/SU-U9/16U 45°		0065265
R3/8U/SU-R1/4U 90°		0062116
R3/8U/SU-R3/8U 90°		0015512
R3/8U/SU-U9/16U 90°		0000393
R3/8U/SU-U9/16U 90° JIC		0065271

R1/2"		
R1/2U/SU-R1/2U 45°		0015522
R1/2U/SU-R1/2U 90°		0044782
R1/2U-R3/8U/SU 90°		0067803
R1/2U/SU-U9/16U 90°		0065273
R1/2U/SU-U11/16U 90°		0065274
R1/2U/SU-U3/4U 90°		0065296
R1/2U/SU-U3/4U 90°		0000379
R1/2U/SU-U7/8U 90°		0066970

R3/4"		
R3/4U/SU-U11/16U 45°		0065268
R3/4U/SU-R3/4U 45°		0057185
R3/4U/SU-R1/2U 90°		0064017
R3/4U/SU-R3/4U 90°		0044785
R3/4U/SU-U11/16U 90°		0065295

R1"		
R1U/SU-R3/4U 45°		0067967
R1U/SU-R1U 45°		0033010
R1U/SU-R3/4U 90°		0065574
R1U/SU-R1U 90°		0044786

R11/4"		
R11/4U/SU-R11/4U 90°		0055159

R11/2"		
R11/2U/SU-R11/2U 90°		0066394

T-FITTINGS

- The second indication refers to the size of the centre branch.
- Example: R3/8U-R3/8U-R3/8U



R1/4"		
R1/4U-R1/4U-R1/4U		0015909

R3/8"		
R3/8U-R3/8U-R3/8U		0015917
R3/8U-BSPT3/8U-R3/8U		0033011

R1/2"		
R1/2U-R1/2U-R1/2U		0015461
R1/2U-BSPT1/2U-R1/2U		0033012

R3/4"		
R3/4U-R3/4U-R3/4U		0015453

R1"		
R1U-R1U-R1U		0033001

TURNING T-FITTINGS

- The second indication refers to the size of the centre branch.
- The /SU indication refers to the branch, from which the fitting can be turned.



R1/4"		
R1/4S/SU-R1/4U-R1/4U		0062372
R1/4U/SU-R1/4U-R1/4U		0015516
R1/4U/SU-U9/16U-U9/16UJIC		0067145
R1/4U-R1/4S/SU-R1/4U		0062373
R1/4U-R1/4U/SU-R1/4U		0044783

R3/8"		
R3/8S/SU-R3/8U-R3/8U		0055221
R3/8U/SU-R3/8U-R3/8U		0015517
R3/8U/SU-U9/16U-U9/16UJIC		0067148
R3/8U-R3/8S/SU-R3/8U		0055273
R3/8U-R3/8U/SU-R3/8U		0015514
R3/8S/SU-R3/8U-R3/8U		0065999

R1/2"		
R1/2S/SU-R1/2U-R1/2U		0064018
R1/2U/SU-R1/2U-R1/2U		0015518
R1/2U/SU-U7/8JIC-U7/8JIC		0066971
R1/2U-R1/2U/SU-R1/2U		0015515
R1/2U-R3/4U/SU-R1/2U		0067455
R3/8S/SU-R3/8U-R3/8U		0065999

R3/4"		
R3/4S/SU-R3/4U-R3/4U		0057358
R3/4U/SU-R3/4U-R3/4U		0057773
R3/4U-R3/4U/SU-R3/4U		0044787

R1"		
R1U/SU-R1U-R1U		0059105
R1U-R1U/SU-R1U		0044788
R1S/SU-R1U-R1U		0058049

R11/4"		
R11/4U/SU-R11/4U-R11/4U		0061204

R11/2"		
R11/2U/SU-R11/2U-R11/2U		0059645

RSI FITTINGS

- Always an external thread at one end and an internal thread at the other end.
- The external thread is always indicated first.



R1/8"		
R1/8-R1/4 RSI		0044850

R1/4"		
R1/4-R1/8 RSI		0044851
R1/4-R3/8 RSI		0022749

R3/8"		
R3/8-R1/8		0062367
R3/8-R1/4 RSI		0022756
R3/8-R1/2 RSI		0022772

R1/2"		
R1/2-R1/4 RSI		0022814
R1/2-R3/8 RSI		0022764
R1/2-R1/2 RSI		0022816
R1/2-R3/4 RSI		0022721

R3/4"		
R3/4-R1/4 RSI		0034090
R3/4-R3/8 RSI		0022780
R3/4-R1/2 RSI		0022798
R3/4-R1 RSI		0022731

R1"		
R1-R1/2 RSI		0044192
R1-R3/4 RSI		0044190

R11/4"		
R11/4-R3/4 RSI		0055022
R11/4-R1 RSI		0044197

R11/2"		
R11/2-R3/4 RSI		0055158
R11/2-R1 RSI		0044198
R11/2-R11/4 RSI		0061205

R2"		
R2-R11/4 RSI		0058639

ORFS FITTINGS

ORFS DOUBLE FITTINGS		
ORFS1/4-ORFS1/4	0072704	
ORFS3/8-ORFS3/8	0072705	
ORFS 1/2	0070085	
ORFS 5/8	0070086	
ORFS 3/4	0063692	
ORFS 1	0067518	
ORFS 1 1/4	0063514	
ORFS 1 1/2	0070087	

ORFS CONNECTING FITTINGS		
ORFS1/4S-R1/4U	0071628	
ORFS1/4S-R3/8U	0071754	
ORFS3/8S-R1/4U	0071755	
ORFS3/8S-R3/8U	0058854	
ORFS3/8-U9/16U	0071626	
ORFS1/2S-R3/8U	0071751	
ORFS1/2S-R1/2U	0072707	
ORFS3/4S-R3/4U	0072373	
ORFS1S-R3/4U	0067121	
ORFS1S-R1U	0072202	

ORFS REDUCING FITTINGS		
ORFS1/4U-ORFS3/8S	0072607	
ORFS1/4U-ORFS1/2S	0072475	
ORFS3/8-ORFS1/4	0072519	
ORFS3/8U-ORFS1/4S	0072876	
ORFS3/8U-ORFS1/2S	0061974	
ORFS1/2-ORFS3/8	0063706	
ORFS1/2U-ORFS3/4S	0072706	
ORFS5/8-ORFS1/2	0067309	
ORFS3/4-ORFS5/8	0072065	
ORFS3/4U-ORFS1S	0064027	
ORFS1U-ORFS11/4S	0064041	
ORFS1 1/4-ORFS1	0063508	
ORFS1 1/2-ORFS1 1/4	0072695	

ORFS LEAD THROUGH FITTINGS		
ORFS1/4-ORFS1/4	0061930	
ORFS3/8-ORFS3/8	0062270	
ORFS3/8U-ORFS3/8U-ORFS3/8U, T-fitting	0072701	
ORFS3/8U-ORFS3/8U-ORFS3/8U, L-fitting	0072642	
ORFS1/2-ORFS1/2	0063694	
ORFS5/8-ORFS5/8	0062272	
ORFS3/4-ORFS3/4	0062273	
ORFS1-ORFS1	0063515	

ORFS ANGLE FITTINGS		
ORFS1/4U-ORFS1/4S 45°	0072708	
ORFS1/4U-ORFS1/4S 90°	0061916	
ORFS3/8U-ORFS3/8S 45°	0072709	
ORFS3/8U-ORFS3/8S 90°	0061935	
ORFS1/2U-ORFS1/2S 45°	0072539	
ORFS1/2U-ORFS1/2S 90°	0063432	
ORFS3/4U-ORFS3/4S 45°	0072710	
ORFS3/4U-ORFS3/4S 90°	0071729	
ORFS1U-ORFS1S 45°	0072650	
ORFS1U-ORFS1S 90°	0068412	
ORFS1 1/4U-ORFS1 1/4S 45°	0072802	

TURNING ORFS ANGLE FITTINGS

1/4"		
R1/4U/SU-ORFS 3/8 45°	0072529	
R1/4U/SU-ORFS 9/16U 45°	0063435	
R1/4U/SU-ORFS 9/16U 90°	0061919	
R1/4/SU-ORFS 11/16U 90°	0063976	
ORFS1/4U-U9/16U/SU 90°	0072223	

3/8"		
R3/8U/SU-ORFS 1/4 45°	0072509	
R3/8U/SU-ORFS 3/8 45°	0072624	
R3/8U/SU-ORFS 9/16U 90°	0061959	
R3/8U/SU-ORFS 11/16U 90°	0061942	
R3/8U/SU-ORFS 13/16U 90°	0072284	
ORFS3/8U-U9/16U/SU 90°	0061936	

1/2"		
R1/2U/SU-ORFS 1/2 45°	0072443	
R1/2U/SU-ORFS 11/16U 45°	0061921	
R1/2U/SU-ORFS 11/16U 90°	0072283	
R1/2U/SU-ORFS 13/16U 90°	0061928	
R1/2U/SU-ORFS 1-14U 90°	0069100	
R1/2U/SU-ORFS 1 3/16U 90°	0071902	

3/4"		
R3/4U/SU-ORFS 1/2U 90°	0072269	
R3/4U/SU-ORFS 5/8U 90°	0071546	
R3/4U/SU-ORFS 3/4 90° LONG	0071665	
R3/4U/SU-ORFS 1 3/16U 45°	0064135	
R3/4U/SU-ORFS 1 3/16U 90°	0062274	
R3/4U/SU-ORFS 1 7/16 45°	0068817	
R3/4U/SU-ORFS 1 7/16U 90°	0068413	
ORFS3/4U-U11/16U/SU 90°	0061940	
ORFS3/4U-U1 5/16U/SU 90°	0072207	

7/8"		
U7/8U/SU-ORFS3/4 45°	0072262	

1"		
R1U/SU-ORFS 1 1/16U 90°	0071765	
R1U/SU-ORFS 1 3/16U 90°	0064759	
R1U/SU-ORFS 1 7/16U 45°	0061926	
R1U/SU-ORFS 1 7/16U 90°	0061977	
ORFS1U-U1 5/16U/SU 90°	0072210	

1 1/4"		
R1 1/4U/SU-ORFS1 1/4 45°	0072699	
R1 1/4U/SU-ORFS1 1/4U 90°	0072793	
R11/4U/SU-ORFS 1 7/16U 90°	0061931	
ORFS1 1/4U-U1 5/8U/SU 90°	0072212	

1 1/2"		
R1 1/2U/SU-ORFS1 1/4 90°	0072272	
R1 1/2U/SU-ORFS1 1/2 90°	0072365	

M16×1.5		
M16×1.5U/SU-ORFS1/4U 90°	0072549	

M18×1.5		
M18×1.5U/SU-ORFS3/8U 90°	0071767	

ORFS T-FITTINGS		
ORFS1/4U-ORFS1/4U-ORFS1/4U	0061944	
ORFS3/8U-ORFS3/8U-ORFS3/8U	0071632	
ORFS3/8U-ORFS3/8S-ORFS3/8U	0071633	
ORFS1/2U-ORFS1/2U-ORFS1/2U	0072711	
ORFS1/2U-ORFS1/2S-ORFS1/2U	0072761	
ORFS9/16U-ORFS11/16U-3/8U BSPP	0070580	

ORFS TURNING L-FITTINGS		
R1/4U/SU-ORFS1/4U-ORFS1/4U	0061960	
R3/8U/SU-ORFS3/8U-ORFS3/8U	0063433	
R1/2U/SU-ORFS1/2U-ORFS1/2U	0061920	
R3/4U/SU-ORFS3/4U-ORFS3/4U	0071698	
R1U/SU-ORFS1U-ORFS1U	0061927	

NOMINAL SIZES OF OFRS CONNECTORS AND CORRESPONDING UNF THREADS	
Nominal size	UNF thread
1/4	9/16-18 UNF-2A
3/8	11/16-16 UN-2A
1/2	13/16-16 UN-2A
5/8	1"-14 UNS-2A
3/4	1"3/16-12 UN-2A
1	1"7/16-12 UN-2A
1"1/4	1"11/16-12 UN-2A
1"1/2	2"-12 UN-2A

MEASURING FITTINGS



MEASURING FITTINGS	
R1/8	0006807
R1/4	0006808

STRAIGHT	
M6×1.00	0045120
M8×1.00	0067023
M8×1.25	0026633
KR1/8	0026641
UNF 1/4	0057147

45°	
M6×1.00	0036145
M8×1.00	0061078
M8×1.25	0026626
KR1/8	0026618

90°	
M6×1.00	0045110
M8×1.25	0026625
KR1/8	0026617

ADAPTER FITTING M6–M12	
Adapter fitting M6–M12	P8301

FEMALE PLUGS

- Female plugs always have internal threads.



FEMALE PLUG	
R1/2	0036715
R1/4	0038780
R3/8	0038790
R1	0044550
R3/4	0044780
ORFS 3/4» (12FNMLS)	0064028

MALE PLUGS

- Male plugs always have external threads.
- There are two types of male plugs: Allen and hex head plugs.
- ALLEN
- HEX HEAD



MALE PLUG	
R1/2 ALLEN	0021972
R1/8 ALLEN	0021996
R3/8 ALLEN	0021998
R1/4 ALLEN	0022004
R3/4 ALLEN	0022475
R1 ALLEN	0022476
R3/4 HEX	0047793
R11/2 ALLEN	0055265

SLEEVES

- An internal thread at both ends



SLEEVE	
R1/4	0040975
R3/8	0040977
R1/2	0040980
R3/4 37 MM	0040982
R1/2 AISI316	0063186
R3/4 AISI316	0063187
R1 AISI316	0064830

QUICK CONNECTORS

- The size is indicated first, followed by the type (female or male connector):
- FEMALE and MALE.



QUICK CONNECTOR	
1/4 FEMALE	0064205
3/8 FEMALE	0063161
1/2 FEMALE	0022699
3/4 FEMALE	0022682
1/4 MALE	0064206
3/8 MALE	0063162
1/2 MALE	0022681
3/4 MALE	0022683

SPIRALS AND SEALS



HOSE SHIELD SPIRALS			
Ø mm	Length m	Colour	No.
12/15	50	black	0013429
15/18	50	black	0013430
50	1	yellow	0021225
25	6	black	0021226
32	6	black	0021227
110	1	yellow	0021231
12	10	black	0058387
75	1	black	0061218
140	1	black	0061219
110	2.2	yellow	0061855
110	2.2	black	0065491
110	1	black	0065522
50	1	black	0065524
50	6	black	0065740
75	6	black	0065741
110	6	black	0065742
25	6	black	0065743
20	6	black	0065744
75	2	black	0067320



USIT SEAL RING	
1/8	0024745
1/4	0017301
3/8	0017319
1/2	0017327
3/4	0017335
1	0017343
1 1/4	0017350
1 1/2	0017352
2	0060549



CENTRAL LUBRICATION SYSTEM PARTS

Central lubrication.....	79
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Basic and angle connectors.....	80

CENTRAL LUBRICATION



SEE ALSO
PONSSE
VASELINE
ON PAGE 107

MANUAL FILLING DEVICE FOR SKF CENTRAL LUBRICATION PUMPS

Manual filling device for pumping greases of class NLGI-000 – NLGI-2. The filling device includes a quick release coupling for filling SKF HG-1000 and HG-2000, SKF Minilube, 40PGAS and SKF Multilube pumps. The filling device is available in two versions, depending on the lubricant.

Filling device, SAFEMATIC, for NLGI 000–0 greases	0035460
Filling device, SAFEMATIC, for NLGI 1–2 greases	0071645

CENTRAL LUBRICATION

Nipple assortment + crimping tool	SM11800064
Vaseline EP 2, 18 kg, operating temperature -30 – +110 °C	005678420



MANUAL GREASING

Grease gun, LINCOLN	0028555
Grease gun hose	0029017
Grease gun head, LINCOLN	0029025
Grease gun, SKF, battery-operated	0070585
Grease gun, pneumatic	0077769
Grease gun, pneumatic, winter model	0077770

PIPE EXTENSIONS, SPOOLS AND BUSHINGS



FOR TEXTILE BRAID HOSES (1/8")

4 mm (1/8" hose) spool	SM11650320
4 mm (1/8" hose) compressed bushing	SM11651070



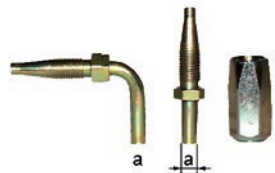
FOR BRAID HOSES (8/4)

4 mm (8/4 hose) spool	SM11650320
6 mm (8/4 hose) spool	0058866
4–8 mm (8/4 hose) compressed bushing	SM11651070



FOR BRAID HOSES (8/4)

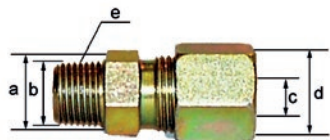
6 mm (8/4 hose) screwed spool	SM11650326
6 mm (8/4 hose) screwed bushing	SM11651080



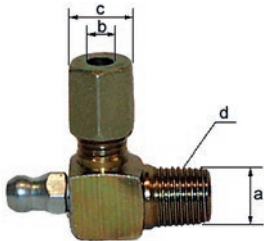
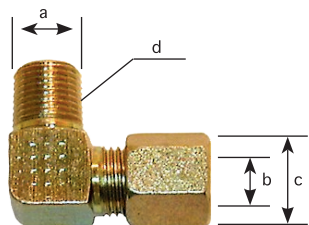
FOR STEEL BRAID HOSES (1/4")

8 mm (1/4" hose) spool	0076103
8 mm (1/4" hose) spool 90°	0076270
8 mm (1/4" hose) screwed bushing	SM12651340

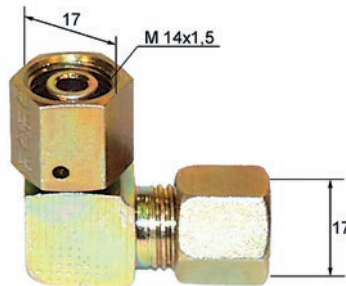
BASIC AND ANGLE CONNECTORS



BASIC CONNECTORS						
Name	a wrench size	b diameter	c pipe size	d wrench size	e thread	No.
PEL 4 LL R 1/8"	11	9.75	4	10	R 1/8"	SM11643280
PEL 4 LL UNF 1/4"	11	6.2	4	10	UNF 1/4"	SM11643290
PEL 4 LL M 6	10	6	4	10	M 6	SM11643250
PEL 4 LL M 8x1,25	10	8	4	10	M 8x1.25	SM11643275
PEL 6 LL R 1/8"	11	9.75	6	12	R 1/8"	0058871
PEL 6 LL M 6x1	11	6	6	12	M 6x1	0059165
PEL 6 LL M 8x1	11	8	6	12	M 8x1	SM11643295
PEL 8 LL R 1/8"	12	9.75	8	14	R 1/8"	0060084
PEL 8 L R 1/4"	19	12.95	8	17	R 1/4"	SM11643330



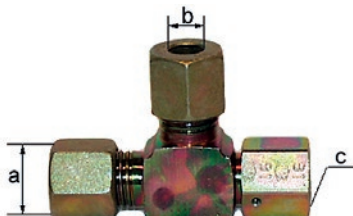
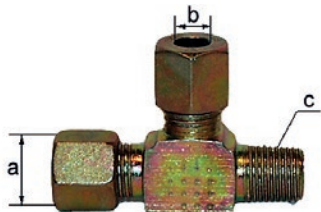
ANGLE CONNECTORS					
Name	a diameter	b pipe size	c wrench size	d thread	No.
KKL 4 LL R 1/8"	9.75	4	10	R 1/8"	SM11643070
KKL 4 LL M 6	6	4	10	M 6	SM11643050
KKL 4 LL M 8x1,25	8	4	10	M 8x1.25	SM11643065
KKL 6 LL R 1/8"	9.75	6	12	R 1/8"	0058862
KKL 6 LL M 6x1	6	6	12	M 6x1	0059167
KKL 8 LL R 1/8"	9.75	8	14	R 1/8"	0062370
KKL 8 L R 1/4"	13.2	8	17	R 1/4"	SM11643120
KKL 4 LLR/Nipple M 6	9.75	4	10	R 1/8"	SM11643500
KKL 6 LL M8X1.25	8	6	12	M 8x1.25	0058863
XKKL 6 LL R 1/8" ZN		6	12	R 1/8"	SM12643610



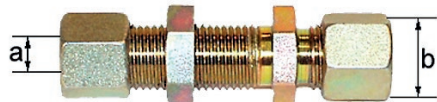
ADJUSTABLE ANGLE CONNECTOR			
Size	a wrench size	thread	No.
For 8 mm hoses	17	M14x1.5	SM11643125



T-CONNECTORS			
Name	a wrench size	b pipe size	No.
TEL 8 L	17	8	SM11643430

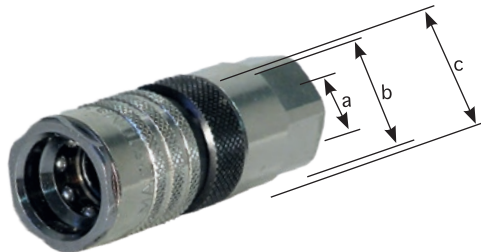


LE CONNECTORS				
Name	a wrench size	b pipe size	c thread	No.
LE 8 LR 1/4"	17	8	1/4"	SM11643170
LE 8 L adjustable	17	8	M 14x1.5	SM11643437



EXTENSION CONNECTORS			
Name	a pipe size	b wrench size	No.
JAL 6 LL	6	12	0058864

LEAD THROUGH CONNECTORS			
Name	a pipe size	b wrench size	No.
LÄL 4 LL	4	10	SM11643140
LÄL 6 L	6	12	0060134
LÄL 8 L	8	17	SM11643150

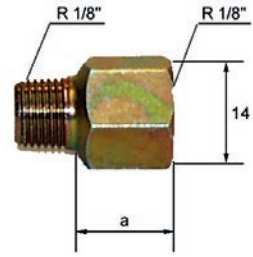


QUICK RELEASE COUPLING FRAME				
Name	a thread	b wrench size	c diameter	No.
Quick release coupling frame r 1/4" zn	1/4"	21	25	SM11650650

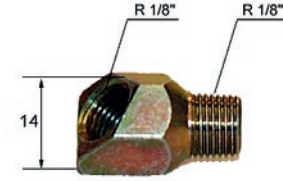


CUTTING RINGS			
Name	a pipe size	b diameter	No.
LER 4 LL	4	5.5	SM11643180
LER 6 L	6	10	0058859
LER 6 LL	6	8	SM12643010
LER 8 L	8	12	SM11643200

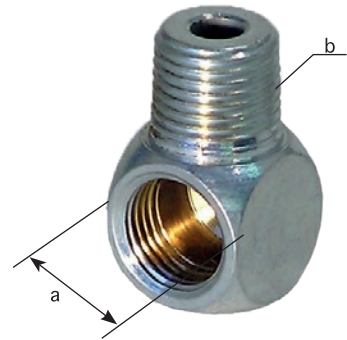
CONNECTOR NUT			
Name	a pipe size	b diameter	No.
Nut M 4 LL	4	10	SM11643210
Nut M 6 L	6	14	0058867
Nut M 6 LL	6	12	SM12643170
Nut M 8 L	8	17	SM11643230
Nut M 8 LL	8	14	0022493



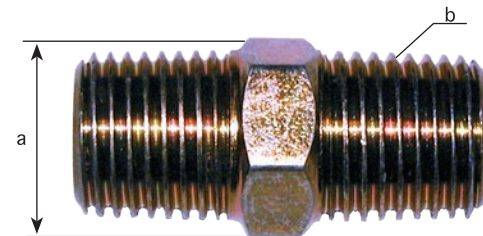
EXTENSION FITTING		
Name	a elevation	No.
JAN R 1/8" L=13 mm	13	0058861



ANGLE FITTING			
Name	a wrench size	b thread	No.
KUN R 1/8" 45 degrees	14	1/8"	0061805



ANGLE FITTING			
Name	a wrench size	b thread	No.
KUN R 1/8"-90AST ZN	12	1/8"	SM11643615



DOUBLE FITTING			
Name	a wrench size	b outer thread	No.
Double fitting R1/4 ZN	14	1/4"	SM11643600

REFILLING UNIT					
Name	a wrench size, nut	b thread	c pipe size	d thread	No.
Refilling unit SMG	12	14	6	M12x1	SM11770420



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With Ponsse, you can also buy and sell used machines, reliably. We maintain and adjust forest machines to meet your exact demands. You will obtain a durable machine with productive hours for years to come.

Check your nearest retailer and our global range of used machines at www.ponsse.com/used-machines.





ELECTRICAL CONNECTORS

Harting connectors 1 – 10 pins	85	Knutsson	87
Harting connectors 1 – 16 pins	85	Susmic 51	87
Harting connectors 1 – 24 pins	86	Optinet	88
Harting connectors 1 – 32 pins	86	OptiControl	88
Control unit connectors.....	87	Amp connectors.....	89
IPS	87	Deutsch connectors.....	90

We have compiled the connectors used in PONSSE forest machines under a single title. Using high-quality connector bodies and conductor contacts, you can prevent the connections from becoming loose and the contact surfaces from oxidising, which could result in operational failures that are difficult to identify. The correct contacts in the correct connector body guarantee resistance-free connectors for years ahead.

Special pliers will be required for connecting conductor contacts to the conductor, depending on the connector type, for producing high-quality connections, also in field conditions. Ponsse provides special pliers at low prices.

HARTING CONNECTORS 1-10 PINS

0056005

0061429 female

0056216

0055790

0061430 male

0055792

HARTING CONNECTORS 1-16 PINS

0056022

0043158

0056206

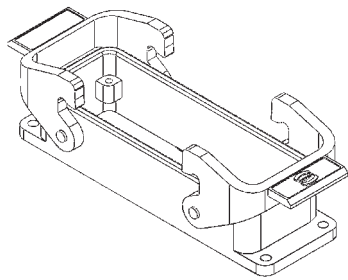
0056017

0017324

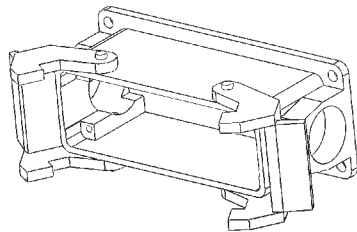
0017326

HARTING CONNECTORS 1-24 PINS

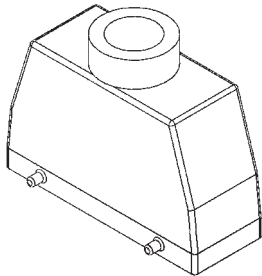
0017213



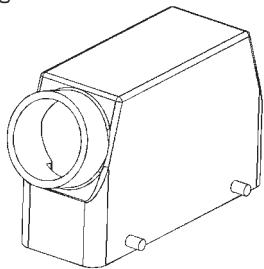
0017314



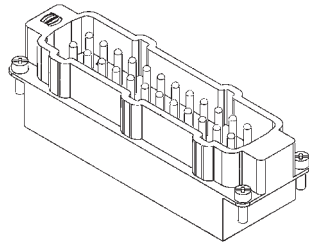
0044315



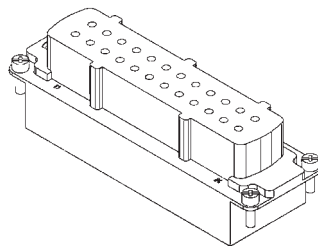
0056020



0017311

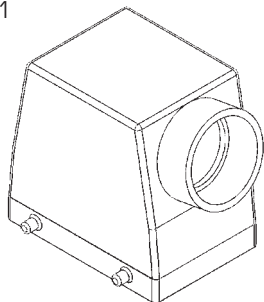


0017312

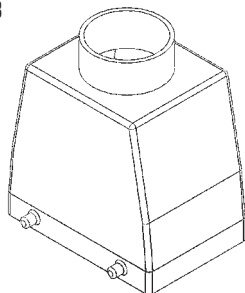


HARTING CONNECTORS 1-32 PINS

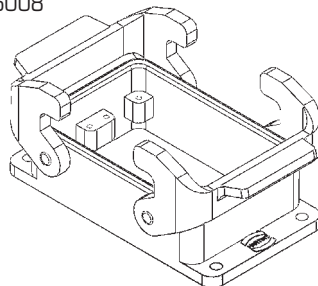
0044321



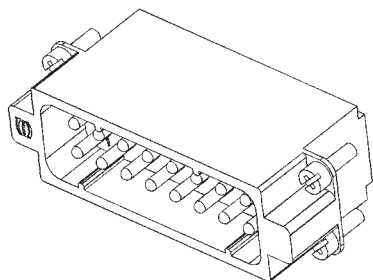
0017318



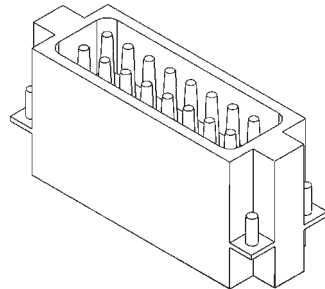
0056008



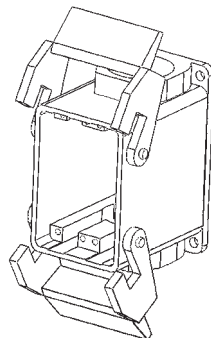
0017324, 1-16



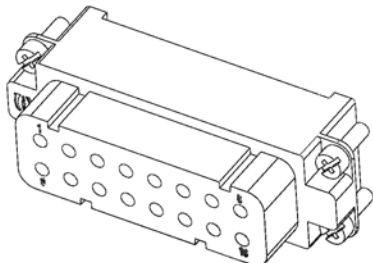
0017325, 17-32



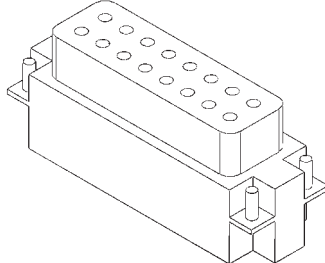
0017323



0017326, 1-16



0017329, 17-32



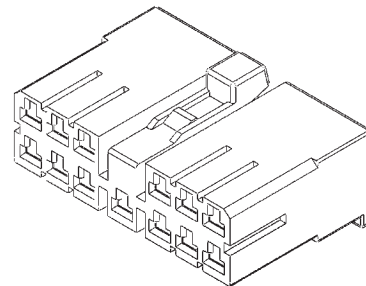
TOOLS

Harting crimping tool	ST0312
Dismounting tool	ST031201
Spare socket for the dismounting tool	ST031202

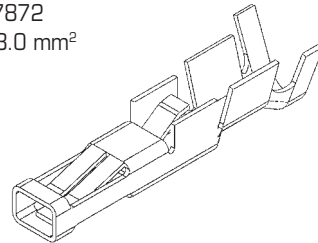
CONTROL UNIT CONNECTORS

IPS

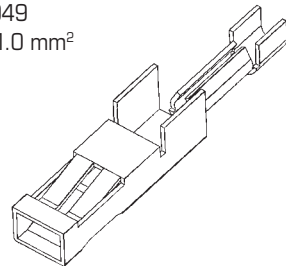
0056158 - GREEN
0055837 - WHITE



0057872
1.0-3.0 mm²

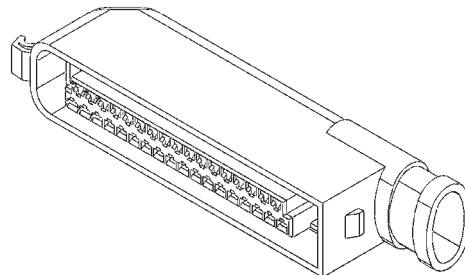


0055949
0.35-1.0 mm²

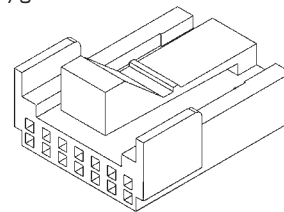


KNUTSSON

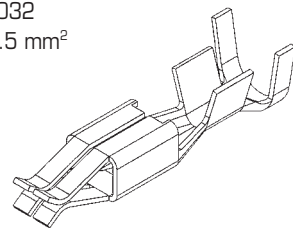
0057912



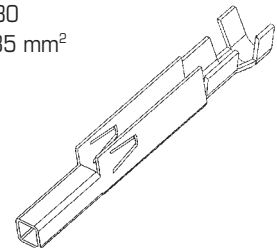
0056779



0058032
1.5-2.5 mm²

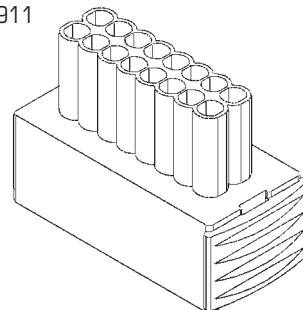


0056780
0.3-0.85 mm²

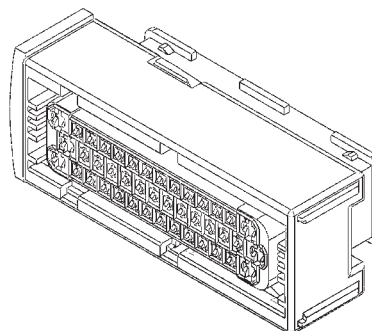


SUSMIC 51

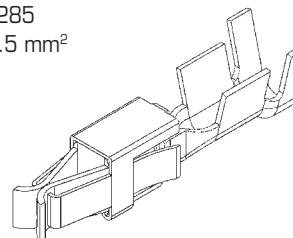
0057911



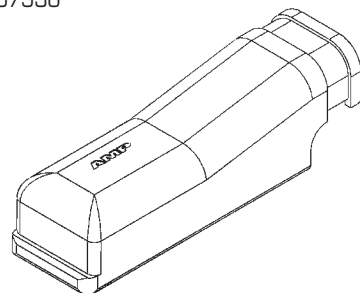
0057529



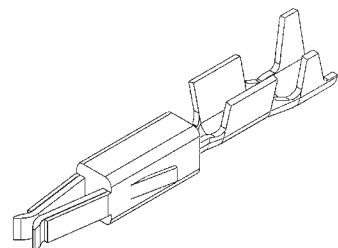
0057285
1.5-2.5 mm²



0057530

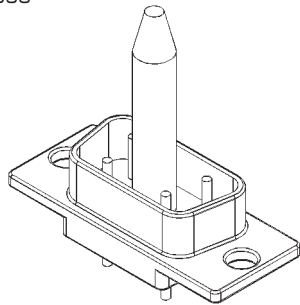


0057532
0.5-1.5 mm²

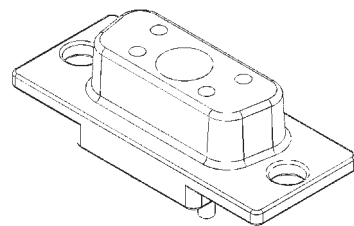


OPTINET

0057996

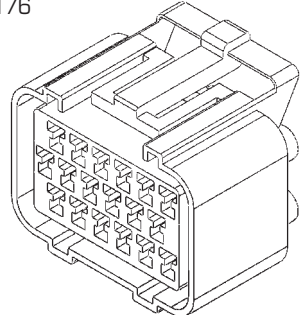


0057998

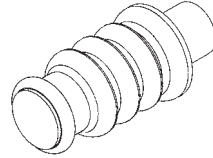


OPTICONTROL

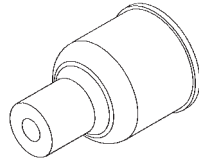
0056176



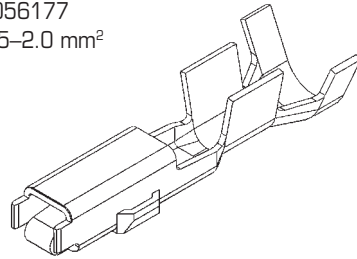
0058153



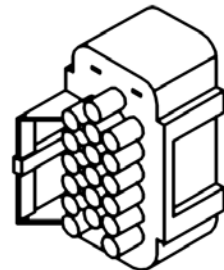
0057602



0056177
0.5–2.0 mm²



0061616
Opticontrol
connector set



1 × 0056176



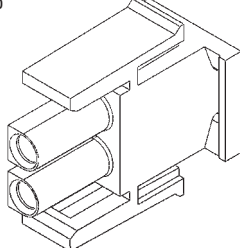
20 × 0056177



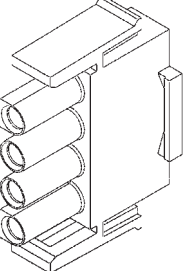
15 × 0058153
20 × 0057602

AMP CONNECTORS

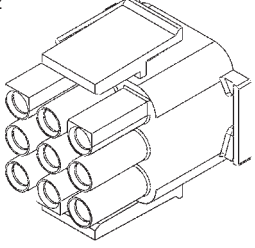
0025826



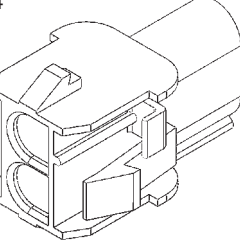
0025816



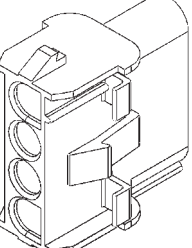
0025822



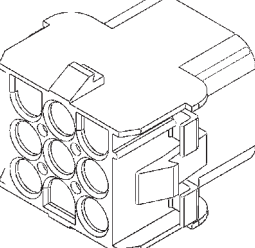
0025824



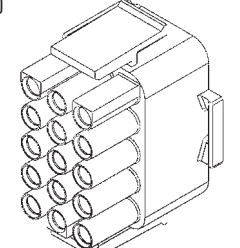
0025815



0025821



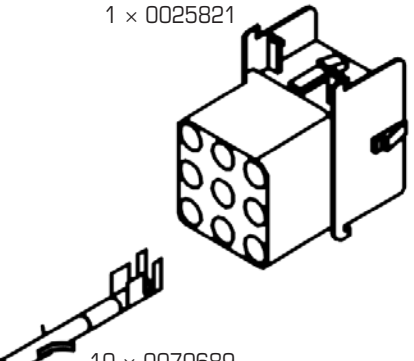
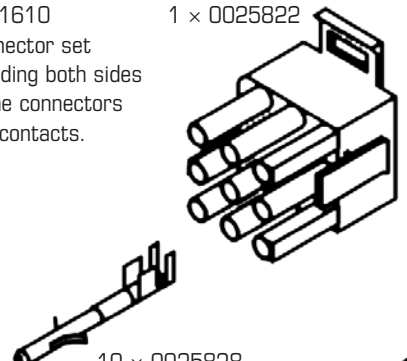
0025820



0061610
Connector set
including both sides
of the connectors
and contacts.

1 × 0025822

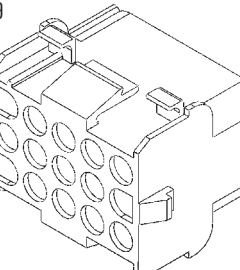
1 × 0025821



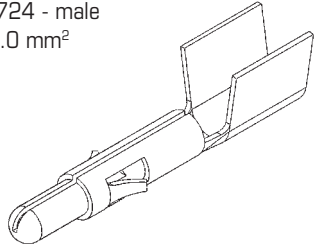
10 × 0025828

10 × 0070689

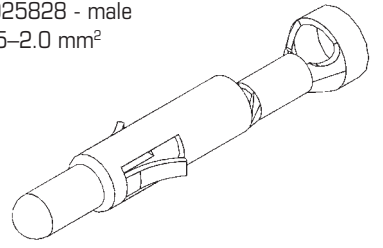
0025819



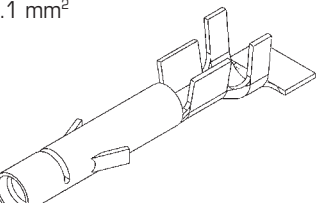
0056724 - male
3.0–6.0 mm²



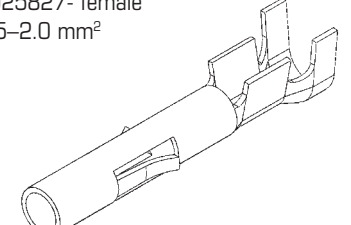
0025828 - male
0.5–2.0 mm²



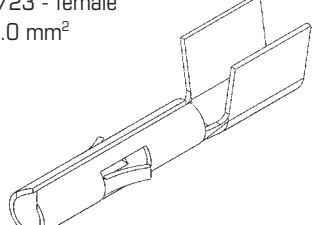
0070689 - female
0.5–2.1 mm²



0025827 - female
0.5–2.0 mm²

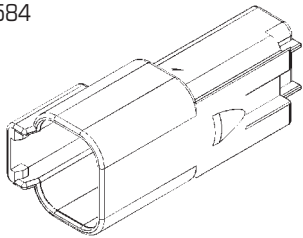


0056723 - female
3.0–6.0 mm²

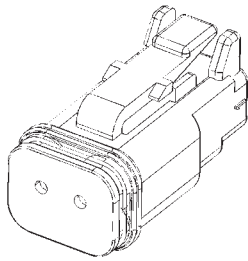


DEUTSCH CONNECTORS

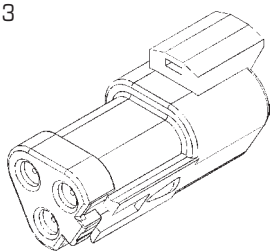
0064584



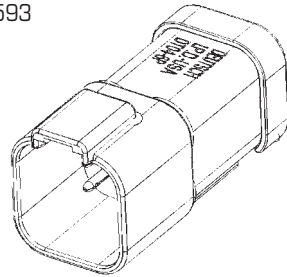
0064582



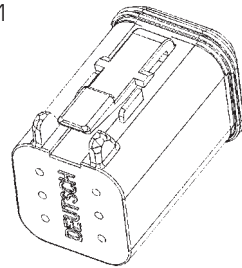
0064713



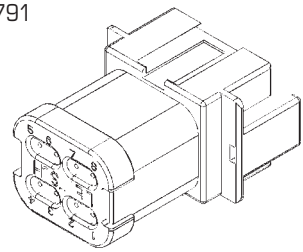
0064593



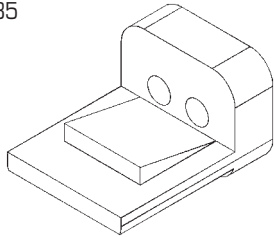
0064591



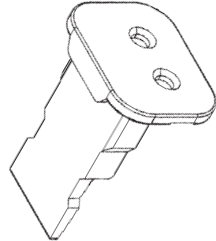
0064791



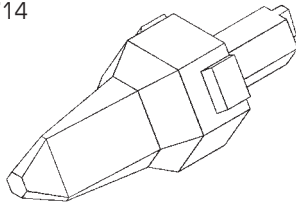
0064585



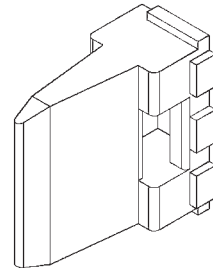
0064583



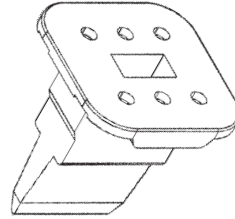
0064714



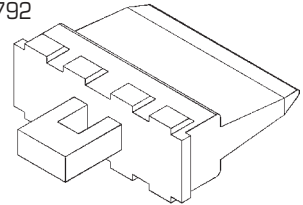
0064594



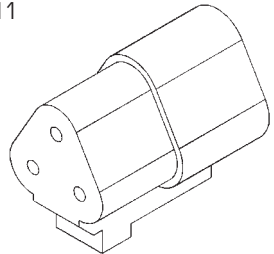
0064592



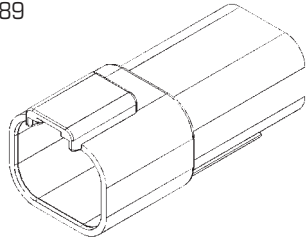
0064792



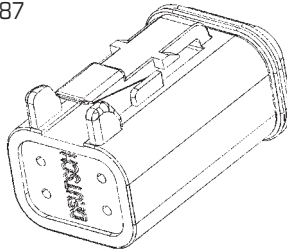
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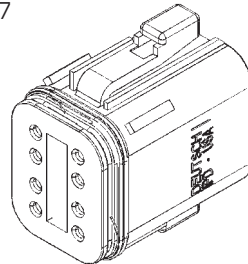
0064589



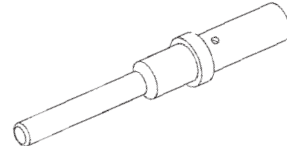
0064587



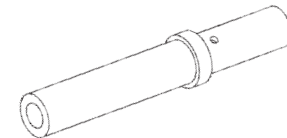
0064737



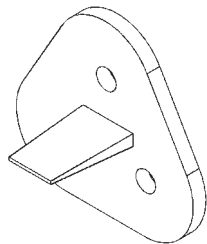
0064940 / 0.5–1.0 mm², golden male
0064724 / 0.75–1.5 mm², male
0064722 / 1.5–2.5 mm², male
0067510 / 0.5 mm², golden male



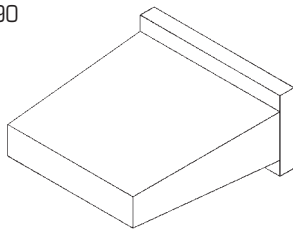
0064941 / 0.5–1.0 mm², golden female
0064723 / 0.75–1.5 mm², female
0064721 / 1.5–2.5 mm², female
0067511 / 0.5 mm², golden female



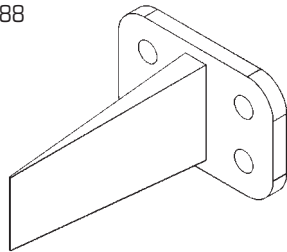
0064712



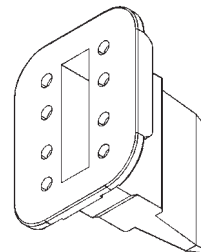
0064590



0064588



0064738



CRIMPING TOOL

Crimp crimping tool, production model

ST0303

Crimp crimping tool, service model

ST0302



ELECTRIC SWITCHES

Switches.....93

SWITCHES



ELECTRIC SWITCH	
3-position rocker switch, ON-OFF-ON	0062104
3-position rocker switch, returning, <ON>-<OFF>-<ON>	0062984



ELECTRIC SWITCH	
FNR driving direction selector, ON-OFF-ON	0066818



ELECTRIC SWITCH	
Rocker switch, ON-OFF-ON	0066217



MAIN CURRENT SWITCH	
MS2015 Main current switch in bumper casing (2018-)	0077055
TP2000-MS2015 (main current switch in side panel)	0061983
Main current switch key (for 0061983 switch)	0062772



ELECTRIC SWITCH	
3-position rocker switch, ON-OFF-ON	0055321



ELECTRIC SWITCH	
Rocker switch, OFF-ON	0055224



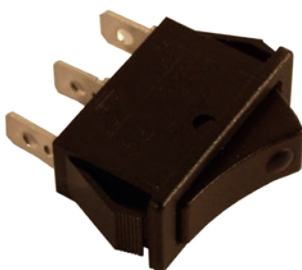
ELECTRIC SWITCH	
Constant RPM switch, returning, OFF-<ON>	0058161



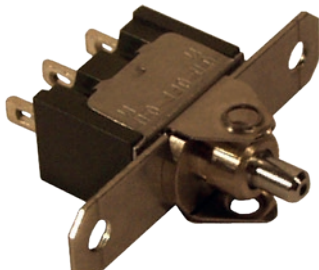
ELECTRIC SWITCH
Push button, returning 0057363



ELECTRIC SWITCH
Rocker switch, OFF-ON 0055322



ELECTRIC SWITCH
Rocker switch, with indicator light, OFF-ON 0069162



SWITCH
FNR driving direction selector, ON-OFF-ON 0060172



SWITCH
Lockable rocker switch, OFF-ON 0061932



ELECTRIC SWITCH
2-position rocker switch, OFF-ON 0060577



SWITCH
2-position changeover switch, ON-ON 0065547

SWITCH
Windscreen wiper/washer, returning, <ON>-<OFF>-<ON> 0060173



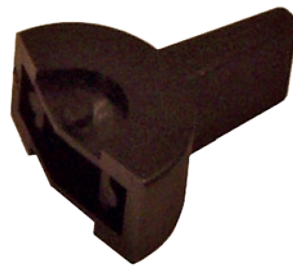
ELECTRIC SWITCH
Returning 0057689



ELECTRIC SWITCH
3-position rocker switch, returning, <ON>-<OFF>-<ON> 0056228

SWITCH
3-position changeover switch, ON-OFF-ON 0065548

SWITCH
3-position rocker switch, returning, <ON>-<OFF>-<ON> 0065549



ROCKER SWITCH
For switches 0060172 & 0060173 0060174



ACCESSORIES

PONSSE sets.....	97
Tools.....	100

We have supplied forest machine accessories to our customers for more than 20 years. As a new feature, our maintenance services now offers PONSSE sets that are based on the daily maintenance needs of forest machine entrepreneurs and meet Ponsse's quality requirements.

The sets include a broad range of high-quality accessories that meet modern needs. The sets are assembled in a durable, high-quality case that is well-suited for the use of machine entrepreneurs.

PONSSE SETS



WASHER SET	
The set includes 610 lock washers.	0070885

SHRINK-FIT ADHESIVE BUSHING SET	
Shrink-fit bushings with adhesive, six (6) different sizes.	0075009

FITTING AND PLUG SET.	
BSP fitting and plug set.	0073160



NIPPLE SET	
The set includes 440 grease nipples.	0070032



PROFILE RING SET	
The set includes 110 profile rings.	0075248



CONNECTOR SETS	
SCR system connector parts and hose clamps	0076891

Connector set for progressive lubrication lines	0077182
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Molex set – connector & contact	0076223
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Coolant, fuel, oil and AdBlue/DEF temperature	0073993
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- Crankshaft and camshaft position sensor
- Gas valve and AdBlue/DEF dosing valve
- Oil and AdBlue/DEF pressure sensor
- Cover for large PLD connector
- Unit pump, ring connector
- Cover MB-PLD, small
- Large PLD connector – boost pressure sensor
- Start and stop switches and oil level sensor
- AdBlue/DEF tank and AdBlue/DEF dosing unit diffuser heating
- AdBlue/DEF compressed air pressure sensor
- Contacts, seals, plugs for large PLD connector

Base machine electrical connector set, the most common electrical connectors.	0072798
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Central lubrication line hose connector. Cutting rings and connector nuts needed for the connections are not included in the greaser hose delivery. One connector set is needed for connecting one hose. M8L	0072259
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Central lubrication line hose connector. Cutting rings and connector nuts needed for the connections are not included in the greaser hose delivery. One connector set is needed for connecting one hose. M6LL	0072258
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Central lubrication line hose connector. Cutting rings and connector nuts needed for the connections are not included in the greaser hose delivery. One connector set is needed for connecting one hose. M4LL	0072257
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Central lubrication line connector set. The central lubrication line connector set includes 21 different items.	0072153
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Deutsch DT connector set.	0071145
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Electrical connector set for H6/H7/H8 harvester heads Connectors and accessories: Deutsch, Module, PVC25 Tools: Deutsch crimping tool, end sleeve pliers	0070091
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Connector set for installing a separate harvester head • 8-pin Deutsch connector, large (LG) • Square cable pins (2.5–1.5 mm²)	0079886
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Connector set for installing a separate harvester head • 8-pin Deutsch connector, small (SM) • Square cable pins (1.5–0.75 mm²)	0079887
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O-RING SETS		
O-ring sets for harvester heads. Common O-rings.	0077004	
Harvester heads H5, H6, H7, H8, H10	0076999	
Harvester heads H5, H6, H7, H8, H10	0076998	
Harvester heads H5, H6, H7, H8, H10	0076997	
The set includes 160 O-rings connector SAE. NBR 90 shore.	0074391	
O-rings connector BSP. 230 O-rings and tool set. NBR 90 shore	0071808	
O-rings connector ORFS. NBR 90 shore.	0071613	
The set includes 475 O-rings. The set includes the most common O-rings.	0070070	
H60 / H60e	0063240	
H53 / H73 / H73e	0063241	



BULB SET	
Bulb set	0071279



END SLEEVE KIT	
Cable terminal sleeve kit.	0071230

ELECTRICAL CONNECTOR SET	
SP0172 GHW ELECTRIC FAN MB	0076021



FUSE SET	
The set includes 305 fuses.	0071054



SPARE PARTS PACKAGE	
Bolt and nut set H53, H60, H73e.	0075282



SEAL SET	
BSPP O-ring & support ring set.	0075592
Copper seal set The set includes 240 seals. The set includes the most common copper seals.	0071608
Copper seal set The set includes 275 seals. The set includes the most common copper seals.	0071607
The USIT seal set includes 260 seal rings.	0070597



SEAL SETS	
CH axle brake seal set.	0076561
H-series harvester heads. Seals for valve block, harvester heads H5, H6, H7, H8, H10	0076943
CH axle differential lock seal set.	0076776
Range selector luffing boom cylinder seal set. The seal set meets the requirements of both cylinders.	0073503



PLUG SETS	
ORFS male and female plug set.	0075410
Male plug set (BSP)	0073998

TOOL SETS	
Tool set for harvester heads. The set includes a Crimp crimping tool, crimping pliers and wire strippers	0078968

CABLE SET	
Cable assembly between the harvester head and boom. The cable assembly is easy to install in the field without any cable tools in place of the previous cable without replacing the protective hose. Length 10 m. Any excess cable fits under the harvester head valve block.	PS1387

STICKER SET	
PONSSE sticker set for various purposes; heavy vehicles, vans, pick-ups and trailers.	0071186

DOOR LIMITER	
The door limiter prevents the door gas spring from overloading and from causing unexpected hazards due to breakage. The parts can be installed in all 2015 cabins (not Scorpion).	0079979



RETAINING RING SET SGA 15–45 MM	
Retaining ring set DIN471. 15 × 1.0 mm, 20 × 1.75 mm, 25 × 1.2 mm, 30 × 2.0 mm, 35 × 2.5 mm, 35 × 1.5 mm, 40 × 1.75 mm, 44 × 1.75 mm, 45 × 1.75 mm.	0080687



AIR CONDITIONER SERVICE KIT	
Use: For refrigerant maintenance.	0081301
0081281 Refilling valve R134a replacement tool, 1 pc	
0081279 Protective cap R134a pressure side 8 mm, 10 pcs	
0081280 Protective cap R134a intake side 8 mm, 10 pcs	
0076741 Valve cap low pressure, 10 pcs *	
0076740 Valve cap high pressure, 10 pcs *	
0081283 Needle valve R134a standard, 20 pcs	
0034232 O-ring 5/16" Ø6, 25 pcs	
0034233 O-ring 3/4" 8, 25 pcs	
0034234 O-ring 7/8" 10, 25 pcs	
*Denso compressor connectors include light blue Japanese caps	



LUBRICATION PUMP AM04892 SERVICE KIT	
Harvester grapples H5, H6, H7, H8, H8HD	0081565
Including the most common maintenance parts:	
0013938 O-ring, 1 pc	
0035419 Filter, 1 pc	
0059215 Check valve, 1 pc	
0060148 Allen screw M6×40, 4 pcs	
0060663 Check valve, 2 pc	
0063713 Piston seal, 1 pc	
0065525 O-ring, 2 pc	
0066100 Seal set, 1 pc	
0076496 Valve cable, 1 pc	



CABLE CONNECTIONS

Soldering iron 24V/50W	ST0284
Soldering iron 230V/40W	ST0285
Crimping tool 0.5–2.5 mm²	ST0112
Cable shoe crimping tool 0.5–4.0 mm²	ST0111
Wire strippers 0.02–10 mm²	ST0110
Crimping pliers for insulated cable connectors 1.5–6 mm²	ST0113
Crimping pliers for uninsulated cable connectors 1.5–6 mm²	ST0114
Crimping pliers for uninsulated cable connectors 0.5–1.5 mm²	ST0115
Cable crimping tool for round connectors 1.2 mm	ST011602
Cable crimping tool for round connectors 1.6 mm	ST011601
Cable crimping tool for round connectors 2.5 mm	ST011605
Cable crimping tool for round connectors 3.5 mm	ST011604
Cable crimping tool for round connectors 4.0 mm	ST011603
Cable crimping tool for flat connectors 0558-99984 WURTH	ST011701
Cable crimping tool for flat connectors 0558-99985 WURTH	ST011702
Cable crimping tool for flat connectors 0558-99986 WURTH	ST011703
Cable crimping tool for Micro Timer II and III connectors 1.6 mm	ST011801
Crimping pliers for HARTING connectors	ST0312
HARTING connector contact extraction tool	ST031201
Extra head for HARTING connector extraction tool	ST031202
Adjustable Deutsch crimping pliers For separate solid connectors: 0064721, 0064722, 0064723, 0064724, 0064940, 0064941	ST0303
Deutsch crimping pliers (non-adjustable) For separate solid connectors: 0064721, 0064722, 0064723, 0064724, 0064940, 0064941	ST0302



PRESSURE GAUGES

0–6 bar	ST010901
0–60 bar	ST010902
0–250 bar	ST010903
0–400 bar	ST010904
0–600 bar	ST010905
Rubber cover	0035501

PRESSURE GAUGE HOSES

Pressure gauge hose, 60 cm	ST010906
Pressure gauge hose, 120 cm	ST010907



TYRE INFLATOR

Tyre inflator	0030957
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COMPRESSED AIR HOSE FOR PONSSE FOREST MACHINES

Compressed air hose	0061685
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REFILLING HOSES

Hydraulic oil	AM00069
Fuel	AM00070



SENSOR TESTER

Sensor tester	1630177
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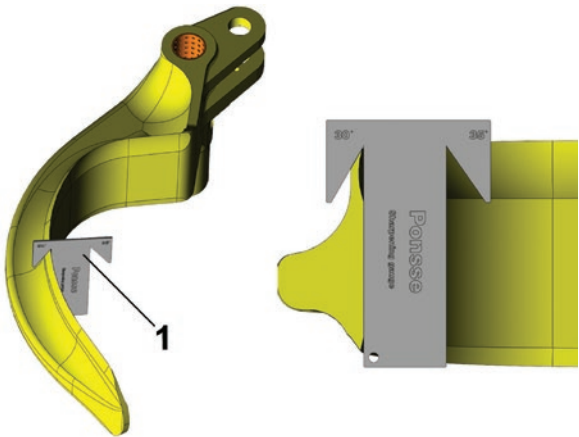
MANUAL GREASING

Grease gun, LINCOLN	0028555
Grease gun hose	0029017
Grease gun head, LINCOLN	0029025
Grease gun, SKF, battery-operated	0070585
Grease gun, pneumatic	0077769
Grease gun, pneumatic, winter model	0077770



TAPE MEASURE FOR MEASURING CALIPERS

Tape measure Caliper+	0062659
Tape measure Caliper3	0072666
Tape measure Caliper3, with bracket	0072668
Tape measure bracket, tilting	0074749



MEASURING TOOL

For checking the delimbing knife sharpening angle	ST0350
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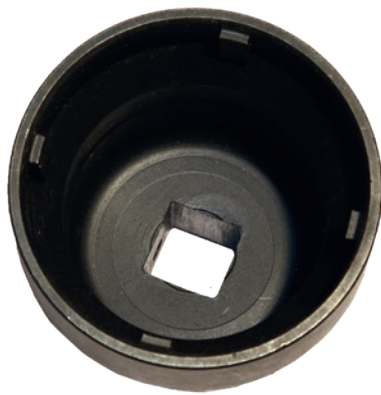
BARS AND INSTALLATION RODS

Aluminium bar 1.5 m, 2.8 kg	ST0337
Aluminium bar 1.5 m, 3.6 kg	ST0338
Aluminium installation rod 0.68 m, 0.7 kg	ST0339
Aluminium installation rod 0.68 m, 0.7 kg	ST0340
Aluminium installation rod 0.48 m, 0.5 kg	ST0341
Aluminium installation rod 0.43 m, 0.4 kg	ST0342
Aluminium installation rod 0.82 m, 1.7 kg	ST0343



DUAL, GRAPPLE REPLACEMENT TOOL

DUAL, grapple replacement tool	P14365
DUAL, grapple replacement tool	P16798



SPANNER WRENCHES, KM

Spanner wrench KM 5, socket 1/2"	ST0126
Spanner wrench KM 6, socket 1/2"	ST0127
Spanner wrench KM 7, socket 1/2"	ST0128
Spanner wrench KM 8, socket 1/2"	ST0129
Spanner wrench KM 9, socket 3/4"	ST0130
Spanner wrench KM 10, socket 3/4"	ST0134
Spanner wrench KM 11, socket 3/4"	ST0135
Spanner wrench KM 13, socket 3/4"	ST0231
Spanner wrench KM 14, socket 1"	ST0325
Spanner wrench KM 15, socket 1"	ST0232
Spanner wrench KM 16, socket 1"	ST0324
Spanner wrench KM 17, socket 1"	ST0299
Spanner wrench KM 19, socket 1"	ST0323
Spanner wrench KM 21, socket 1"	ST0198B
Spanner wrench KM 23, socket 1"	ST0039B
Slewing gear socket	ST0349



SPANNER WRENCHES, GU

Spanner wrench GU 11, long	ST0132
Spanner wrench GU 13	ST0133
Spanner wrench GU 15	ST0236
Spanner wrench GU 11, short	ST0131



EXTRACTORS

Extractor 1 25–80 mm, bipod	ST001401
Extractor 2 25–130 mm, bipod	ST001402
Extractor 3 50–160 mm, bipod	ST001403
Extractor 4 60–200 mm, bipod	ST001404
Extractor 5 80–250 mm, bipod	ST001405
Extractor 6 80–350 mm, bipod	ST001406
Internal bearing extractor set 12–46 mm	ST0250



HYDRAULIC CYLINDER WRENCHES

Hydraulic cylinder wrench 220 mm	ST0344
Hydraulic cylinder wrench 450 mm	ST0271
Hydraulic cylinder wrench 500 mm	ST0012
Hydraulic cylinder wrench 500 mm	ST0329A
Hydraulic cylinder wrench 800 mm	ST0329B
Hydraulic cylinder wrench 1000 mm	ST0329C
Pin set 6/8 550 mm	ST032901
Pin set 10/L 550 mm	ST032902
Pin set 12/14 800 and 1000 mm	ST032903
Pin set 16 800 and 1000 mm	ST032904



T-KEYS

T-key	ST0288
T-key, long	ST028801



TOOL BOX

430 × 205 × 200 mm	0035544
MS2015	0076661
MS2015 with tools	0076651

TOOL SETS

Basic tool set, model series 2015	0076651
Expanded tool set for forwarders	ST0334
Expanded tool set for harvesters	ST0335



FIRST AID KIT

First aid kit	0035540
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SLINGS

0.50 m	0076760
0.75 m	0076761
1.00 m	0076762
1.50 m	0076763



ABSORPTION MATS

For absorbing small volumes – oils and medium hard chemicals, also for water. Discard the product in accordance with the absorbed material's material safety data sheet.

2 towels 100 cm × 40 cm Absorption efficiency 2.8 litres (package)	00811752
3 towels 100 cm × 40 cm Absorption efficiency 4.2 litres (package)	00811753



PONSSE LOGGER'S WIPES – EFFECTIVE CLEANING WIPES

Effective and durable, two-sided, easy cleaning wipes for various uses. Rough side for quickly removing dirt and smooth side for wiping any remaining dirt. Excellent for cleaning hands, tools and different surfaces in locations where no water is available. Also excellent for use in forest machines, maintenance vehicles and at repair shops. Thanks to its frost resistance, these wipes can be used outdoors in temperatures as low as -20 °C. Removes: Oil, grease, paint, silicone, toner, PU foam, soot, sealing agents, etc. Operating instructions: Open the cover and remove the seal. Remove wipes from the middle of the roll through the hole in the cover. Pull wipes diagonally to cut them automatically. Close the cover. Do not store at high temperatures or in direct sunlight.



CHEMICALS

PONSSE oils	105	NLGI grades of lubricants used in central	
Engine oil operating temperatures	105	lubrication systems	109
Engine oils	105	Greasing points	109
Hydraulic oils	106	Saw chain oils	110
Viscosity of hydraulic oil	106	Marking colours	111
Gear oils	107	Coolants	111
Vaselines	107	Chemicals	112
PONSSE lubricants	108	PONSSE paints	113

PONSSE OILS

Ponsse's oil range is developed in accordance with machine requirements.

PONSSE Logger's Engine Oil 10W-40 PLUS+, designed for new Stage V and Stage IV engines, is now available. The new Plus+ engine oil replaces the previous PONSSE Logger's Engine Oil 10W-40 Plus engine oil.

The oil range also includes the PONSSE Logger's Engine Oil 10W-40, a low-cost basic engine oil, suitable for Stage III and older engines.

In addition, the new higher-quality PONSSE Logger's Bio Hydraulic Oil 46+ replaces previous PONSSE Logger's Bio Hydraulic Oil 46.

ENGINE OILS



PONSSE ENGINE OIL 10W-40 PLUS+

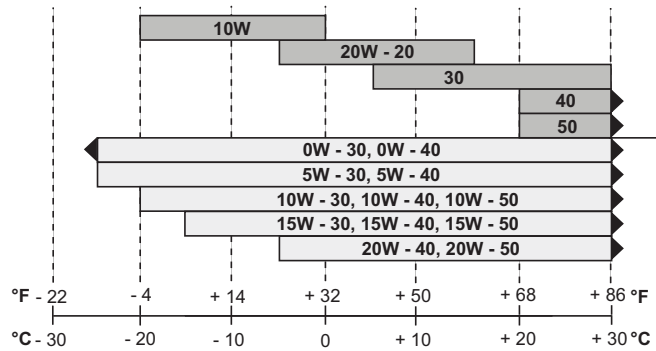
A fully synthetic diesel engine oil of a very high level of quality which extends the engine oil change interval.

- Excellent capacity to keep the engine clean
- For Stage IV / TIER 4F / STAGE V emission level engines
- Lower maintenance costs through a longer oil change interval
- Also suitable for older forest machines.

SAE 10W-40, ACEA E4/E7, API CF, Mercedes-Benz 228.5, MAN M3277, Scania LDF-2, Scania LDF-3, Volvo VDS-3, MTU Type 3, Renault RXD/RLD-2, Deutz DQC IV-10, Global DHD-1, Caterpillar ECF-2, ECF-1-a, MTU Type 2, Deutz DQC III-10

20 l canister	008022920
200 l barrel	0080229200

ENGINE OIL OPERATING TEMPERATURES



PONSSE ENGINE OIL 10W-40

A synthetic high-quality diesel engine oil which is excellent for demanding conditions.

- Keeps the engine clean, protects it against wear, and keeps oil consumption low.
- Good lubrication properties both in summer and winter
- For the TP2000 range with a 600-hour oil change interval and for EU Stage IV engines/machines of model series 2015.

SAE 10W-40, API CI-4/SL, CH-4, CG-4, CF-4, ACEA E7, E5, E3, Mercedes-Benz 228.3, Volvo VDS-3, Volvo VDS-2, MAN M 3275, Mack EO-N, EO-M Plus, Cummins CES 20.071/-2/-6/-7/-8, Renault RVI RLD, RLD-2, Global DHD-1, Caterpillar ECF-2, ECF-1-a, MTU Type 2, Deutz DQC III-10

20 l canister	0074998220
200 l barrel	00749982200

HYDRAULIC OIL



PONSSE HYDRAULIC OIL 22 SUPER

22 Super is a mineral oil-based hydraulic oil with a broad operating temperature range designed for demanding use.

ISO 11158 HV, DIN 51524 part 3 HVLP, SS 15 54 34 AV, AFNOR NFE 48-690/1, AFNOR NFE 48-603, Eaton Vickers I-286-S, M-2950-S, Denison HF-O, HF-1, HF-2 (2003), Cincinnati Milacron P-68 (32 Super)

20 l canister	007867120
200 l barrel	0078671200



PONSSE HYDRAULIC OIL 32 SUPER

A mineral oil-based hydraulic oil with a broad operating temperature range designed for demanding use.

ISO 11158 HV, DIN 51524 part 3 HVLP, SS 15 54 34 AV, AFNOR NFE 48-690/1, AFNOR NFE 48-603, Eaton Vickers I-286-S, M-2950-S, Denison HF-O, HF-1, HF-2 (2003), Cincinnati Milacron P-68 (32 Super)

20 l canister	007500220
200 l barrel	0075002200



PONSSE HYDRAULIC OIL 46 SUPER

- 46 Super is a mineral oil-based hydraulic oil with a broad operating temperature range designed for demanding use.
- Suitable for demanding outdoor use year round
 - Good properties in cold conditions
 - Efficient protection against wear, oxidation and corrosion

ISO 11158 HV, DIN 51524 part 3 HVLP, SS 15 54 34 AV, AFNOR NFE 48-690/1, AFNOR NFE 48-603, Eaton Vickers I-286-S, M-2950-S, Denison HF-O, HF-1, HF-2 (2003), Cincinnati Milacron P-70 (46 Super)

20 l canister	007500320
200 l barrel	0075003200



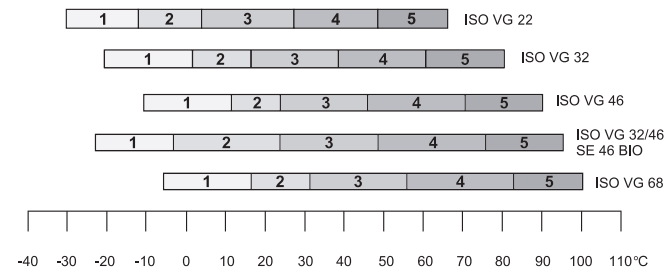
PONSSE HYDRAULIC OIL 68 SUPER

- 68 Super is a mineral oil-based hydraulic oil with a broad operating temperature range designed for demanding use.
- Suitable for demanding outdoor use round the year
 - Good properties in cold conditions
 - Efficient protection against wear, oxidation and corrosion

ISO 11158 HV, DIN 51524 part 3 HVLP, SS 15 54 34 AV, AFNOR NFE 48-690/1, AFNOR NFE 48-603, Eaton Vickers I-286-S, M-2950-S, Denison HF-O, HF-1, HF-2 (2003), Cincinnati Milacron P-70 (46 Super)

20 l canister	007887220
200 l barrel	0078872200

VISCOSITY OF HYDRAULIC OIL



GEAR OILS



PONSSE GEAR OIL 80W-90 GL-5

- A mineral oil-based gear oil with EP additives and excellent lubrication properties for use year round.
- Efficient additive
 - For use round the year

SAE 80W-90, API GL-5, MIL-L-2105 D

20 l canister	007500020
200 l barrel	0075000200



PONSSE DIFFERENTIAL OIL 80W-90 LS

- A mineral oil-based oil with excellent protection against wear for drive gears equipped with a differential gear friction lock.
- Includes the additives required for friction locks
 - Suitable for use year round

API GL-5, MIL-L-2105 D

20 l canister	0075001220
200 l barrel	00750012200

VASELINES



PONSSE LOGGER'S GREASE NLGI 0

PONSSE Logger's Grease NLGI 0 is mineral oil- and polymer-based lubricant, that contains a waterless calcium-based viscosity modifier. It contains antioxidants, anti-corrosion agents, pressure resistance and anti-wear agents. The viscosity modifier, combined with the specific basic oil composition, makes the produce ideal for lubricating heavily loaded bearings, also in wet and corrosive conditions. Properties include excellent adhesion and water resistance.

PONSSE Logger's Grease NLGI 0 can be used as an all-purpose grease in forest, agricultural and earth-moving machines when the central lubrication system requires a semi-fluid grease.

- Extremely good water resistance
 - Excellent corrosion resistance
 - Excellent against heavy impact loads
 - Excellent adhesion
- | | |
|-------|---------|
| 18 kg | 0073810 |
|-------|---------|

PONSSE LOGGER'S GREASE NLGI 2

PONSSE Logger's Grease NLGI 2 is mineral oil- and polymer-based lubricant, that contains a waterless calcium-based viscosity modifier. It contains antioxidants, anti-corrosion agents, pressure resistance and anti-wear agents. The viscosity modifier, combined with the specific basic oil composition, makes the produce ideal for lubricating heavily loaded bearings, also in wet and corrosive-sensitive conditions. Properties include excellent adhesion and water resistance.

PONSSE Logger's Grease NLGI 2 is an all-purpose grease, designed especially for forest, agricultural and earth-moving machines. It is also suitable for industrial applications when special water and corrosion resistance is needed. Regardless of the high viscosity of the basic oil, it can easily be pumped in most modern central lubrication systems. PONSSE Logger's Grease NLGI 0 is recommended for use at low temperatures.

- Extremely good water resistance
 - Excellent corrosion resistance
 - Excellent against heavy impact loads
 - Excellent adhesion
- | | |
|-------|---------|
| 18 kg | 0073933 |
|-------|---------|

PONSSE CENTER GREASE

PONSSE Center Grease EP1 LOGGER'S 18 kg	0074909
PONSSE Center Grease EPO LOGGER'S 18 kg	0074910

PONSSE LUBRICANTS



PONSSE LOGGER'S UNIVERSAL GREASE NLGI 2

PONSSE Logger's Universal Grease NLGI 2 is a lithium- and mineral oil-based lubricant. It contains antioxidants, anti-corrosion agents and anti-wear agents.

As a versatile all-purpose lubricant, it is suitable for various applications within the recommended operating temperature range. Its high mechanical and corrosion resistance also makes it ideal for lubricating bearings in wet conditions.

PONSSE Logger's Universal Grease NLGI 2 is a high-quality all-purpose lubricant, which can be used to lubricate slide and roller bearings in various industrial and transportation applications.

- Good mechanical resistance
- Good corrosion resistance
- Endless application possibilities



12 x 420 ml 0073809

PONSSE LOGGER'S GREASE NLGI 0

PONSSE Logger's Grease NLGI 0 is mineral oil- and polymer-based lubricant, that contains a waterless calcium-based viscosity modifier. It contains antioxidants, anti-corrosion agents, pressure resistance and anti-wear agents. The viscosity modifier, combined with the specific basic oil composition, makes the produce ideal for lubricating heavily loaded bearings, also in wet and corrosive conditions. Properties include excellent adhesion and water resistance.

PONSSE Logger's Grease NLGI 0 can be used as an all-purpose grease in forest, agricultural and earth-moving machines when the central lubrication system requires a semi-fluid grease.

- Extremely good water resistance
- Excellent corrosion resistance
- Excellent against heavy impact loads
- Excellent adhesion



12 x 420 ml 0073807
18 kg 0073810

PONSSE LOGGER'S GREASE NLGI 2

PONSSE Logger's Grease NLGI 2 is mineral oil- and polymer-based lubricant, which contains a waterless calcium-based viscosity modifier. It contains antioxidants, anti-corrosion agents, pressure resistance and anti-wear agents. The viscosity modifier, combined with the specific basic oil composition, makes the produce ideal for lubricating heavily loaded bearings, also in wet and corrosive-sensitive conditions. Properties include excellent adhesion and water resistance.

PONSSE Logger's Grease NLGI 2 is an all-purpose grease, designed especially for forest, agricultural and earth-moving machines. It is also suitable for industrial applications when special water and corrosion resistance is needed. Regardless of the high viscosity of the basic oil, it can easily be pumped in most modern central lubrication systems.

PONSSE Logger's Grease NLGI 0 is recommended for use at low temperatures.

- Extremely good water resistance
- Excellent corrosion resistance
- Excellent against heavy impact loads
- Excellent adhesion



12 x 420 ml 0073806
18 kg 0073933

PONSSE LOGGER'S PRO GREASE EP 2

PONSSE Logger's Pro Grease EP 2 is a lithium complex- and mineral oil-based lubricant. It contains antioxidants, anti-corrosion agents and anti-wear agents.

The lithium complex-based viscosity modifier gives the product a very broad operating temperature range and makes it ideal for high temperatures. The complex structure of the viscosity modifier gives the product an excellent mechanical resistance capacity, also when vibration or impact loads are directed at the lubricated application. It also extends lubrication intervals.

PONSSE Logger's Pro Grease EP NLGI 2 is a modern high-performance product, which re-defines the properties required from an all-purpose lubricant designed for industrial and transportation applications. The diverse properties of the product make it the first choice for lubricating different types of bearings, also under heavy loads and at temperatures up to 220 °C.

- Excellent at high temperatures
- Very good mechanical resistance
- High load-bearing capacity
- Good corrosion resistance



12 x 420 ml 0073808

NLGI GRADES OF LUBRICANTS USED IN CENTRAL LUBRICATION SYSTEMS

PONSSE forest machines are equipped with an automatic lubrication system which allows the use of stiffer central lubricants.

Lubricants are divided into NLGI grades from 000 to 6. The higher the number of the grade, the stiffer the lubricant.

The effect of temperature changes in selecting lubricants for central lubrication systems:

NLGI grade (stiffness) of the lubricant	Conditions	Temperature
1....2	Warm conditions (summer)	Over +0 °C
0....1	Cold conditions (winter)	Under 0 °C

In extreme winter conditions, NLGI 00 grease can be used. In warm conditions, NLGI 00 grease may cause malfunctions in the system.



Mixing different grades of greases is not recommended. It may make it more difficult to pump the grease.

When changing the grade of the grease: fully use the old grease, fill the tank with new grease, bleed the pumping unit and make sure that the new grease comes out through the bleeding screw.

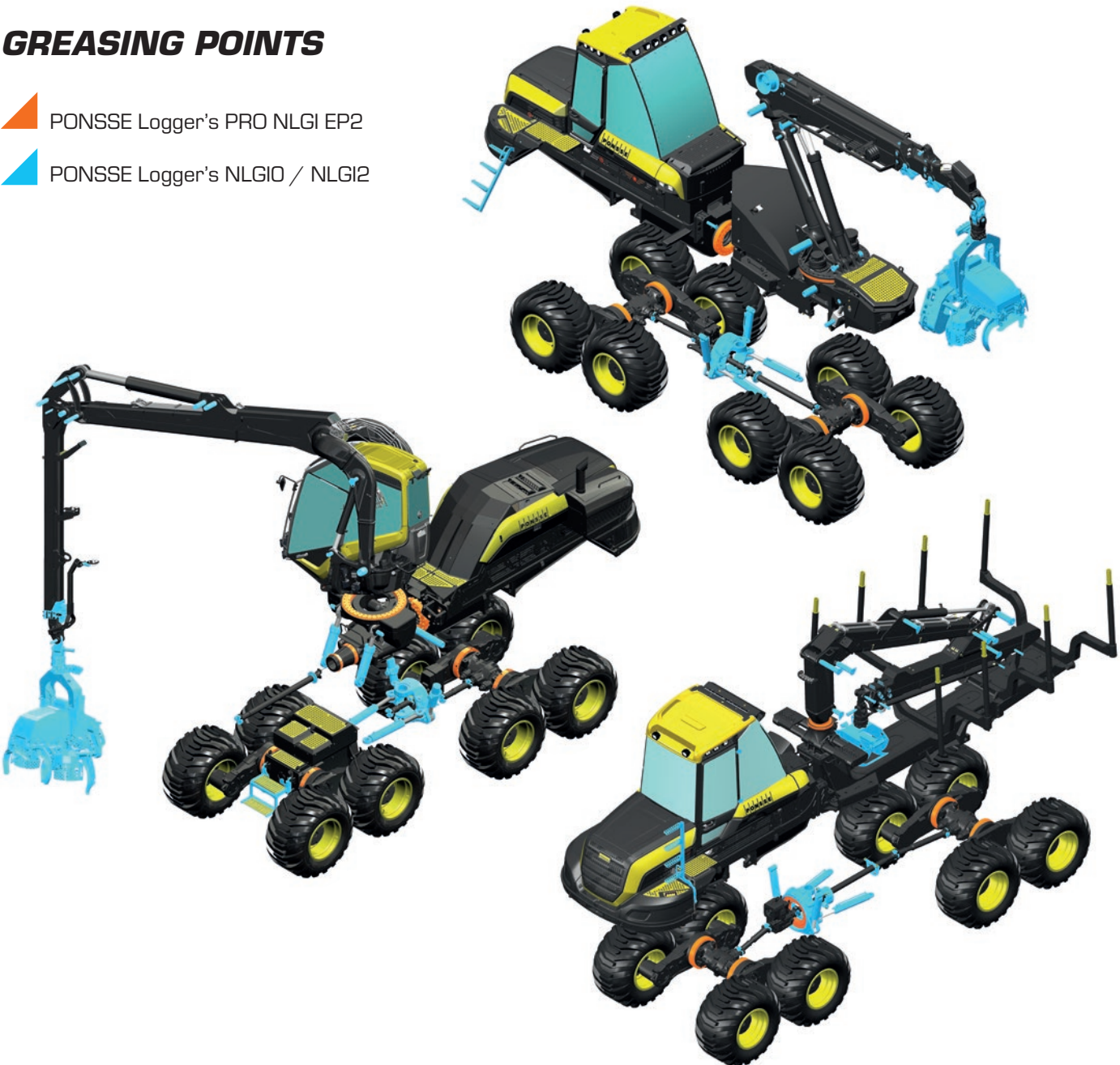
See the pumping unit's bleeding instructions from the separate manual delivered with the machine.

Attention: When using Twin Heavy or newer system.

GREASING POINTS

PONSSE Logger's PRO NLGI EP2

PONSSE Logger's NLGI0 / NLGI2



SAW CHAIN OILS



PONSSE LOGGER'S BIO CHAIN OIL

The product is 97% pressed rapeseed/rubseed oil, 2% raw rubber/vegetable oil product and 1% of a product which contains 54–58% of harmless acrylic polymer, and the rest comprises a compound of distillates (crude oil).

10 l canister	0064130
200 l barrel	0064130200
1000 l container	00641301000



PONSSE LOGGER'S RECYCLED CHAIN OIL ADDITIVE

10 l canister	0080322
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PONSSE LOGGER'S RECYCLED CHAIN OIL 46

10 l canister	008023210
200 l barrel	0080232200
1000 l container	00802321000

PONSSE LOGGER'S RECYCLED CHAIN OIL 68

10 l canister	008023310
200 l barrel	0080233200
1000 l container	00802331000

SITKO ADDITIVE

SITKO is an oil additive intended for toughening clear mineral-based waste oils into chain oils. Sitko provides oil with adherence, also ensuring a good lubrication for the saw bar and the top wheel at a high chain speed. SITKO easily mixes with oil at a normal repair shop temperature, and the mixing can be carried out either mechanically or by means of pressurised air. Mixing ratio 4%. 20 litres of SITKO is good for 500 litres of high-quality chain oil.

20 l canister	0080322
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CHECK THE PRODUCT RANGE IN THE PONSSE SERVICE APPLICATION

Using the mobile app, you can easily check PONSSE maintenance service products, such as oils and greases. In addition, the purpose of the selections featured in the app is to find the correct product more quickly.

The app can be downloaded from Google Play and App Store, and it also works offline.



Google Play



App Store

PONSSE MARKING COLOURS

PONSSE marking colours are nature-friendly, and all ingredients are 100% biodegradable, which makes them safe to use.

Thanks to good lubrication and anti-corrosion features, the PONSSE marking colours are protecting the colour marking system. The colours leave no solids or residues in the check valve or nozzle.



PONSSE LOGGER'S COLOR RED

A high-quality marking colour for harvesters. Red.

3 l bag	00720983
3 × 3 l box	00720983×3
10 l canister	0072098
200 l	0072098200
600 l, pallet, 60 × 10 l canister	0072098600
1000 l	00720981000



PONSSE LOGGER'S COLOR BLUE

A high-quality marking colour for harvesters. Blue.

3 l bag	00720993
3 × 3 l box	00720993×3
10 l canister	0072099
200 l	0072099200
600 l, pallet, 60 × 10 l canister	0072099600
1000 l	00720991000

COOLANTS



NESTE ZERO HD100 GREEN

Monoethylene glycol-based coolant. Freezing point -33 °C max. (50% vol.)

10 l	003372010
200 l	0033720200



NESTE COOLANT LONG LIFE M EU STAGE IV

bulk	0072917
10 l	007291710
200 l canister	0072917200



NESTE LONG LIFE COOLANT XLC

An ethylene glycol-based radiator fluid. Frost resistance 50%, mixture -37 °C. Recommended for PONSSE forest machines equipped with a Mercedes-Benz engine.

10 l	006135810
200 l	0061358200

NESTE 7720 BIO

Neste Bio Coolant (propylene glycol) is a radiator fluid that is harmless to the environment. Frost resistance 50%, -34 °C.

bulk	006205010
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REQUEST
AN OFFER
FOR LARGER
BATCHES!



PONSSE LOGGER'S WINDOW CLEANER SPRAY		
Cleans car and forest machine windows, and makes the bright. Also easy to use to clean mirrors, displays and plastic and painted surfaces.		
Gross 520 ml / Net 400 ml		0078224



PONSSE LOGGER'S CLEANING AND DEGREASING SPRAY		
Efficient, quickly evaporating cleaning agent, which leaves a grease-free and clean surface. Cleans oil, grease, brake fluid, and other dirt e.g. before painting or gluing. Applications: Clutches and brake parts, metal and glass surfaces, machines, devices, etc.		
Gross 520 ml / Net 400 ml		0078223



PONSSE LOGGER'S TAR SPRAY		
Protects threads and screw joints effectively from corrosion and jams where the temperature remains under 70 °C. Applications: Nuts, springs, various metal structures, etc. of wheels and base structures of vehicles and machines.		
Gross 520 ml / Net 400 ml		0078222



PONSSE LOGGER'S GREASE SPRAY		
A synthetic lubricant with excellent adhesion for demanding lubrication. Good water resistance and high heat resistance. Applications: Slide pads, chains, hinges, joints, gears, bearings and applications susceptible to vibration, etc.		
Gross 520 ml / Net 400 ml		0078221



ADBLUE/DEF FLUIDS FOR SCR ENGINES		
NESTE AdBlue/DEF, 10 l		007180010
NESTE AdBlue/DEF, 1000 l		00718001000
IBC, 1000 l		00718001000P



WINDSCREEN WASHING LIQUID		
PONSSE Logger's 5 l (-22 °C)		0074337
PONSSE Logger's 3 x 3 l		0081250x3

DISTILLED WATER		
Distilled water 1 l		0029795
Distilled water 4 l		0035295

CHEMICALS		
Threadlocker, medium hard		0055256
Threadlocker, hard		0061860
Hydraulic seal		0055258
Hand washing agent 1 l		0062480

PAINTS



PONSSE LOGGER'S SPRAY PAINT		
Dark grey (Ponsse Grey)		0080872
Yellow (Ponsse Yellow)		0080873



3 LITRE CANISTERS		
Dark grey, RAL7021		0029758
Yellow PANTONE PONSSE 1003		0067143



PAINT THINNER		
Paint thinner 3 l		0035824

1 LITRE CANISTERS		
Silver grey, machines with MB engines		0062047



REMANUFACTURED PARTS

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REMANUFACTURED PARTS

PONSSE Remanufactured Parts offer you a low-cost and eco-friendly way to replace damaged original parts. Return the damaged part to us and replace it by buying a remanufactured part reconditioned at the PONSSE Reconditioning and assembly centre. You will receive compensation for the returned part when you purchase a remanufactured part, thus providing you with considerable cost savings. As a guarantee of quality, Ponsse provides remanufactured parts with a six-month warranty. Service flexibility is ensured by Ponsse’s own reconditioning and assembly centre, with 10 years of experience.



The range of PONSSE remanufactured parts is continuously expanding. For more information about the updated range of parts, please contact the nearest PONSSE service centre.

READ MORE AND CHECK THE PRODUCT RANGE:
WWW.PONSSE.COM/SERVICES/SPARE-PARTS



ENGINE			
Item name	Type	Frame code	Remanufactured part code
Engine	MTU 4R1000 150KW (TIER4F)	0074829R	0074829VR
Engine	MTU 6R1000 210KW (TIER4F)	0074830R	0074830VR
Engine	MB OM906 LA 205KW EM3A	0063747R	0063747VR
Engine	MTU 6R1000 260KW (TIER4F)	0074831R	0074831VR
Engine	MB OM904 LA 129KW (3A)	0063665R	0063665VR
Engine	MB OM904 LA 130KW (3A)		0063166V
Cylinder head	4F six cylinders		0081985VR
Cylinder head	4F four cylinders		0081986VR
Cylinder head	3A six cylinders		DC9060107021V
Cylinder head	3A four cylinders		DC9040103121V
EGR cooler	4F engines	0079860R	0079860VR



DIFFERENTIAL GEAR			
Item name	Type	Frame code	Remanufactured part code
Differential gear	P050	NAF2401305R	NAF2401305VR
Tasauspyörästö	P039/SAP7501126	NAF2401298R	NAF2401298VR
Differential gear	P021/P031/P044	NAF2401234R	NAF2401234VR
Differential gear	NAF2401644. COMPL. P074/2	0077222R	0077222VR
Differential gear	NAF2401426 DIFFERENTIAL	0069190R	0069190VR
Differential gear	NAF2401450 DIFFERENTIAL	0069117R	0069117VR
Differential gear	CH151/71/7C	00634863R	00634863VR
Differential gear	CH176/223	00551073R	00551073VR



SLEWING GEAR			
Item name	Type	Frame code	Remanufactured part code
Slewing gear	RR810SI ST2531-E 154F9304	0075969R	0075969VR
Slewing gear	RR510SI/5.8+RF5/110+OMTS MOUNT KIT, RR154F7766	0073494R	0073494VR
Slewing gear	RR510SI/5.8+OMTS MOUNT KIT, RR154F7767	0073493R	0073493VR
Slewing gear	154B4545+154-2882 RR800 6.42	0055113R	0055113VR



LUFFING BOOM CYLINDER			
Item name	Type	Frame code	Remanufactured part code
Luffing boom cylinder	130/80/130/63-930, NH060226, C50	P51466R	P51466VR
Luffing boom cylinder	130/80/130/63-1005, NH060245, C44+ 100/110	P51667R	P51667VR
Luffing boom cylinder	125/80-120/60-930, C50 (Budget part)		P61621B

TRANSFER BOX

Item name	Type	Frame code	Remanufactured part code
Transfer box	P0119/0	0077663R	0077663VR
Transfer box	P093/1	0077203R	0077203VR
Transfer box	P046	00771240R	00771240VR
Transfer box	P042/4	0067607R	0067607VR
Transfer box	P078	0065987R	0065987VR
Transfer box	P077	0065986R	0065986VR
Transfer box	P037/2	0057676R	0057676VR

HUB

Item name	Type	Frame code	Remanufactured part code
Hub	Complete Hub for NAF Products	0078424R	0078424VR
Hub	Complete Hub for NAF Products	0072310R	0072310VR
Hub	Complete Hub for NAF Products	0069045R	0069045VR
Hub	Complete Hub for NAF Products		NAF2402138V
Hub	Complete Hub for ClarkHurt(CH) Products		00637492V
Hub	Complete Hub for ClarkHurt(CH) Products		00634862V

For more information about suitability, contact a PONSSE service centre

HYDRAULICS – BASE MACHINE

Item name	Type	Frame code	Remanufactured part code
Hydraulic pump	210 cc Rexroth	0081112R	0081112VR
Transmission hydraulic pump	100 cc Danfoss left	0079055R	0079055VR
Transmission hydraulic pump	210 cc Danfoss right	0077255R	0077255VR
Transmission hydraulic pump	165 cc Danfoss right	0077254R	0077254VR
Hydraulic pump	190 cc Rexroth left	0076144R	0076144VR
Hydraulic pump	190 cc Rexroth right	0076137R	0076137VR
Hydraulic pump	145 cc Rexroth right	0076136R	0076136VR
Hydraulic pump	145 cc Rexroth right	0076134R	0076134VR
Hydraulic motor	250 cc Danfoss drive motor	0076098R	0076098VR
Transmission hydraulic pump	130 cc Danfoss right	0075666R	0075666VR
Hydraulic pump	190 cc Rexroth right	0073663R	0073663VR
Hydraulic pump	145 cc Rexroth left	0073662R	0073662VR
Hydraulic pump	190 cc Rexroth left	0072063R	0072063VR
Hydraulic pump	190 cc Rexroth left	0072061R	0072061VR
Hydraulic motor	160 cc Danfoss drive motor	0070432R	0070432VR
Transmission hydraulic pump	100 cc Danfoss left	0067618R	0067618VR
Transmission hydraulic pump	130 cc Danfoss right	0067617R	0067617VR
Transmission hydraulic pump	100 cc Danfoss right	0067615R	0067615VR
Transmission hydraulic pump	130 cc Danfoss right	0062540R	0062540VR

HYDRAULICS – CRANE			
Item name	Type	Frame code	Remanufactured part code
Hydraulic motor	Slewing motor	0075331R	0075331VR
Hydraulic motor	Slewing motor	0073263R	0073263VR
Hydraulic motor	Slewing motor	0072582R	0072582VR

HYDRAULICS – HARVESTER HEAD			
Item name	Type	Frame code	Remanufactured part code
Hydraulic motor	Saw motor	0075945R	0075945VR
Hydraulic motor	Feed motor	0072664R	0072664VR
Hydraulic motor	Feed motor	0072340R	0072340VR
Hydraulic motor	Feed motor	0068203R	0068203VR
Hydraulic motor	Saw motor	0068151R	0068151VR
Hydraulic motor	Saw motor	0066668R	0066668VR
Hydraulic motor	Feed motor		0066769V
Hydraulic motor	Feed motor		0063209V

ELECTRONICS			
Item name	Type	Frame code	Remanufactured part code
Diameter sensor	ROLLERS DIAMETER SENSOR SAKAE HALL		PS0630V
Computer	E8003001-30 TRANSMISSION NODE	1631744R	1631744VR
Central unit	CENTRAL UNIT OPTI5+ (C2D)		1631734V
Computer	E8002044-10 EPEC 2044 RELEASE 3.0 DISPLAY MODULE	1631732R	1631732VR
Computer	E8003003-51 ACTIVE DAMPING NODE		1631729V
Harvester head module 28 out	HARVESTER HEAD MODULE, NOT CASTED		1631723V
Computer	SEAT NODE ICL		1631700V
Computer	E8002021-10 HUB MODULE		1631691V
Computer	CRANE NODE 28 OUT		1631687V
Crane node	CRANE NODE		1631679V
Seat node Sakae	SEAT NODE SAKAE, OPTICONTROL NODEDESIGN		1631677V
Transmission node	TRANSMISSION NODE, OPTICONTROL NODEDESIGN		1631676V
Harvester head node	HARV.HEAD NODE, OPTICONTROL NODEDESIGN		1631675V
Computer	HARVESTER HEAD NODE		1631387V
Potentiometer	AV FRONTAXLE ANGLE		1630195V
Cable, active suspension	BOSCH GYRO		161320V
Inclinometer sensor	CROSSBOW INCLINOMETER, AV		161282V
Harvester head module 28 out	E8003069-10 HARVESTER HEAD MODULE2	0076275R	0076275VR
Computer	E8003072-10 TRANSMISSION MODULE2		0076273V
Computer	E8003070-10 SEAT MODULE2	0076272R	0076272VR
Computer	E8003061-10 OPTI7 WINDOWS 7	0073895R	0073895VR
Card	A3022C30 MINI CARRIER CARD EPC-I ASSEMBLY	0072636R	0072636VR
Computer	E8003017 EPEC 5XAC ARCNET HUB MODULE	0067483R	0067483VR
Pulse sensor	EMETA MA300-10-500-9		0066157V
Central unit	55-3068-21 IA-BL DAFO		0057596V

CENTRAL LUBRICATION PUMP			
Item name	Type	Frame code	Remanufactured part code
Central lubrication pump	MLPV-4-C2P-24-P SKF 11395240	0079584R	0079584VR
Central lubrication pump	MLPV-4-1 -24-JB103-C2P-P SKF 11395465	0075013R	0075013VR
Central lubrication pump	MLP-4-1-24-JB103-C2P SKF 11395460	0072605R	0072605VR
Central lubrication pump	SM11395530 MLP TWINHEAVY	0062224R	0062224VR

ROTATOR			
Item name	Type	Frame code	Remanufactured part code
Rotator	2770504108 RH3016 WITHOUT HANGER	0078110R	0078110VR
Rotator	RH3016 H-085 TR310.L100 2K 2S 1X 2770506328	0077616R	0077616VR
Rotator	2770504318 RH3016 H-085 R310.L100 2JX	0076165R	0076165VR
Rotator	7214063 H172 INDEXATOR	0068186R	0068186VR
Rotator	2770403208 BBR15HD WITHOUT HANGER	0064228R	0064228VR

CABIN			
Item name	Type	Frame code	Remanufactured part code
Control handle	SAKAE SH50JAK-8211D	0078305R	0078305VR
Seat	BEGE PONSSE HD SEAT	0076375R	0076375VR
Seat	BEGE 3000C&F AIRVENT, 3100L	0072983R	0072983VR
Seat leveller	SITRIGHT 2007 LONGITUD.	0065831R	0065831VR
Seat leveller	SITRIGHT 2007 SIDE DIR.	0065830R	0065830VR

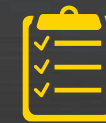
OTHER			
Item name	Type	Frame code	Remanufactured part code
Weight sensor	E80C02141 FORWARDER, LOAD OPTIMIZER M12 CONNECTOR	1631733R	1631733VR
Cooler	DC9361421679	0079860R	0079860VR
Directional valve	K220LS-07-031187-01 K90+	0075375R	0075375VR
Bearing	03-0440-AB-DD0-0, ROLLIX	0068323R	0068323VR
Remanufactured bogie housing	CH151R/71/7C		00634861V
Bogie housing, complete	NAF2405165 P040/9, P0100/0 (Budget part)		0073651B
Bogie housing, complete	NAF2405132 P071, P084/2, P0102 (Budget part)		0070965B
Bogie housing, complete	NAF2405072 P054 (Budget part)		00643081B
Bogie housing, complete	NAF2405240 P0100/1, P0100/2 (Budget part)		0079599B

INSPECTED BUDGET PARTS

Ponsse offers a broad range of used spare parts, which are an affordable alternative for forest machine maintenance. Budget parts are spare parts in good operating condition. They may include external damage or flaws, such as scratches or dents. Ponsse always inspects the operating condition of budget parts before delivery. The parts are suitable, for example, for reconditioning older machines or machines used part time. The service life of budget parts cannot be guaranteed, but their functionality can. Ponsse will provide customers with a replacement part or full compensation if a part does not work directly after installation.



ORIGINAL
Disassembled or
recycled part



INSPECTED AT
PONSSE Reconditioning and
assembly centre



**€ THE MOST
AFFORDABLE OPTION**
**FOR ORIGINAL PARTS
WITH FUNCTIONALITY
GUARANTEED**

The range of budget parts consists of more than 500 different items, the most typical of which include engine covers, doors and covers for external repairs. The range also includes the spare parts listed below:

- wheels
- cylinders
- hydraulic motors and pumps
- computers
- switches and buttons
- pins and valves



The range of PONSSE budget parts expands continuously. For more information about the updated range of parts, please contact the nearest PONSSE service centre.

**READ MORE AND CHECK
THE PRODUCT RANGE:**

WWW.PONSSE.COM/SERVICES/SPARE-PARTS

UPDATE YOUR PACKAGE

PONSSE Performance Packages are designed for improved basic maintenance or updating of forest machines. Performance Packages can be used to update larger systems on forest machines, such as the harvester head, crane or base machine, so that they are as good as new. This helps to maintain the machine's performance year in and year out. PONSSE Performance Packages improve the properties of your forest machine. The ready-made Performance Packages also enable fast updates of older machines to comply with modern standards. As a result, you will have a more productive and economical machine and extend its service life.

Performance Packages include all the parts needed for basic maintenance of a certain part of the machine. The packages are ready-made, enabling fast and money-saving machine updates. You can also avoid extra downtime by conducting preventive maintenance using Performance Packages. Updates are carried out proactively in conjunction with more extensive basic maintenance as planned which makes it possible for you to maximise the productivity of your machine.

**+ AN EASY WAY TO ORDER NEW
FEATURES AND
UPDATES**

**+ THE PACKAGE PRICE IS MORE AFFORDABLE THAN
THE PURCHASE OF
INDIVIDUAL PARTS**

PERFORMANCE PACKAGES

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Cranes and loaders.....	135
Harvester heads.....	136
PONSSE Load Optimizer loader scale packages.....	140



PONSSE
PERFORMANCE
PARTS

OPTI7 UPDATE PACKAGES FOR FORWARDERS



PONSSE forwarders can be seamlessly linked with the wood procurement management system with the high-performance Opti7 PC system and OptiForwarder software. This enables short-distance transport to be planned and implemented and roadside storage to be monitored almost in real-time. The software includes the Opti Control machine control system with operator profiles, the operator-specific Opti Progress Control productivity monitoring feature, as well as data transfer and reporting programs. A map program with GPS positioning and a data transfer application can also be added to the system. The Opti Map 2 program, available as an additional feature, is a versatile map positioning program for forest machines, which supports the comprehensive Opti 4G information system. When planning forwarder work, Opti Map 2 displays the harvester trail, the quantities of assortments by the trail and the locations of the harvester where it processed each pile.

OPTI7 UPDATE PACKAGES FOR FORWARDERS	
Opti7 installation for TP2004 forwarders	0075994
Opti7 installation for MS2015 forwarders	0076399

FACTORY-CONDITIONED OPTI7 CENTRAL UNIT	
Opti7 installation for TP2004 forwarders	0081698
Opti7 installation for MS2015 forwarders	0081700

PONSSE OPTI7 UPGRADE PACKAGE FOR OPTINET/SILVEROPTI & 1000 MACHINES



PONSSE harvesters, which use Ponsse's OptiNet, SilverOpti or 1000 measuring device, can be updated with the latest PONSSE Opti7 upgrade package. After the upgrade, you get the most advanced measuring device technology in PONSSE forest machines, and can use the latest harvester and forest company software.

The upgrade package meets the requirements set in the new measurement legislation amendment to be enforced in the future.

PONSSE OPTI7 UPGRADE PACKAGE FOR OPTINET MACHINES
The machine's old PC and display are replaced with a new PONSSE Opti7 touchscreen PC. DC nodes are replaced by AC modules, and the UPS unit is converted to act as a 12 V input circuit for the PONSSE Opti7 PC, after which the new PC and power cable set can be installed in the cabin.

PONSSE OPTI7 UPGRADE PACKAGE FOR SILVEROPTI AND 1000 MACHINES
Forest machines operating without Arcnet can be updated to match modern standards with the PONSSE Opti7 installation package. The update is started by upgrading the base electricity up to the level of an OptiNet machine using a separate wire harness. The Opti1000 control device is removed, together with other optional computer equipment. The machine's old PC and display are replaced with a new PONSSE Opti7 PC. The UPS unit is converted to act as a 12 V input circuit for the new PC, after which the update is continued by installing the power cable set and the new PC in the cockpit. In addition, a new wire harness is installed for the harvester head's valves.

The upgrade package's optional equipment includes the Caliper3 update.

PONSSE OPTI7 UPGRADE PACKAGE FOR OPTINET/SILVEROPTI & 1000 MACHINES	
To replace OPTINET	0075991
To replace SilverOPTI & 1000	0075992

FACTORY-CONDITIONED OPTI7 CENTRAL UNIT	
To replace OPTINET	0081702
To replace SilverOPTI & 1000	0081704

PONSSE OPTI7 UPGRADE PACKAGE FOR TP2000 HARVESTERS



PONSSE harvesters made in 2000–2003 which use the Opti2000 measuring device can be updated with the latest PONSSE Opti7 upgrade package. After the upgrade, you get the most advanced measuring device technology in forest machines, and can use the latest harvester and forest company software.

The upgrade package meets the requirements set in the new measurement legislation amendment to be enforced in the future.

In addition, optional equipment for the upgrade package includes the PONSSE Comfort control handle and Caliper3 updates.

AC network installation:
DC nodes are replaced by AC modules. The Arcnet network is updated to work with the Opti7-PC. In addition, you get the latest PONSSE Opti4G software version.

- + With the PONSSE Opti7 upgrade package, the machine's measuring system can be updated to match modern technology.
- + After the installation, it is possible to use the latest harvester and forest company software.
- + Get the latest advanced technology for forest machines.

PONSSE OPTI7 UPGRADE PACKAGE FOR TP2000 HARVESTERS	
AC network installation	0075990

FACTORY-CONDITIONED OPTI7 CENTRAL UNIT	
AC network installation	0081701

PONSSE OPTI7 UPGRADE PACKAGE FOR TP2004 HARVESTERS



PONSSE harvesters made in 2004 or later can be updated with the PONSSE Opti7 upgrade package. After the upgrade, you get the most advanced measuring device technology in forest machines, and can use the latest harvester and forest company software.

With the upgrade package, the PONSSE forest machine's Opti+, Opti5 and Opti5+ PC can be updated to the latest version. Advantages of the PONSSE Opti7 PC over older computers include improved reliability and a touchscreen, which guarantees easy and smooth use. The PC is integrated inside the display unit, making the device simple and compact. Through the update, you get the latest PONSSE Opti4G software version.

Note: The crane and harvester head module may also need to be changed in forest machines equipped with the PONSSE Opti+ measuring device. These modules are not included in the price of the upgrade package.

Optional equipment for the upgrade package includes the PONSSE Comfort control handle and Caliper3 updates.

- + With the PONSSE Opti7 upgrade package, the machine's measuring system can be updated to match modern technology.
- + After the installation, it is possible to use the latest harvester and forest company software.
- + Get the latest advanced technology for forest machines.

PONSSE OPTI7 UPGRADE PACKAGE FOR TP2004 HARVESTERS	
To replace Opti+	0075995
To replace Opti5	0077992

FACTORY-CONDITIONED OPTI7 CENTRAL UNIT	
To replace Opti+	0081696
To replace Opti5	0081695

UPDATED THE IPS/PVC KNUTSSON
CRANE CONTROL SYSTEM



- + Improved crane control
- + Modern retrofitting at low cost
- + Easier spare part availability

PONSSE OPTI7 UPGRADE PACKAGE FOR TP2004 HARVESTERS

The upgrade package includes: 0075993

- PONSSE Opti7 touchscreen computer equipped with the latest software and a printer
- BE-GE 3000 airvent seat with a new base and new ICL control handles
- IQAN TOC2 control units for crane control
- The required cabling and new modules for the seat and harvester head

Available for the following OptiNet harvester models: HS10, HS16

Update packages for older PONSSE harvester and forwarder models are available to replace the existing IPS or PVC Knutsson crane control system with a modern IQAN control system solution. Through the update packages, the customer receives more reliable and modern crane control. The update package also includes new control handles.

The manufacture of old control units for IPS control handles has been discontinued, and spare parts for the old crane control system are no longer available. The forest machine's computer can also be updated to follow the current standards by installing update package 0075993.

The update package meets the requirements set in the new measurement legislation amendment to be enforced in the future. Calipers are not included.

IQAN TOC2 CRANE CONTROL

Harvesters 0073192

+ Sakae control handles

- Available for harvesters with IPS crane control system and mini handles

Available for harvester models: HS10, HS16, HS15

Forwarders 0072462

+ Sakae control handles

The update package includes:

- New control handles
- IQAN TOC2 control units for crane control
- The cabling required

Available for harvester models: S10, S15, S16

The estimated installation time is 24–32 hours. The installation is carried out by a service shop authorised by Ponsse.

CALIPER3 CALIPERS



- + Sturdy structure with magnetic measuring
- + Lightweight and balanced
- + User-friendly and easy-to-learn user interface

Ensure your machine's measuring accuracy by using the latest Caliper3 calipers. Caliper3 calipers are known for their durable structure, accuracy and maintenance-free measuring principle.

The packages are suitable for installation directly with a new Opti7 measuring device or in place of Caliper+ calipers.

The packages include calipers, cables for both installation options and brackets.

CALIPER3 CALIPERS

Caliber3 L = 65 cm 0070529

Caliber3 L = 50 cm 0070511

The estimated installation time is 1 hour. The installation is carried out by a service shop authorised by Ponsse.

PONSSE COMFORT CONTROL HANDLE UPDATE



- + Improved ergonomics and adjustability of controls
- + Significantly reduced strain on your hands, neck and shoulders
- + Clearly readable lever buttons

The PONSSE Comfort control handle update includes new handles, arm rests, seat cables, seat module, and a software upgrade at least to version 4.715. The update is available for PONSSE harvesters as ball or mini handles. In PONSSE forwarders, the control handle update is implemented with mini handles.

Properly shaped handles and a good working posture

The shape, position and movement of the new ball and mini handles have been optimised to support the natural position and movements of your hands. In addition, the ball handles contain a cushion with side support which can be changed according to the operator's hand size. It offers a firm grip and prevents the hand from sliding off the handle. The hand rests in a natural position without needing to squeeze the handle. All three cushions are included in the update package.

In PONSSE Comfort, arm rest adjustments are now easier and effortless. The arm rest can be separately adjusted in terms of length and height, offering a good working posture for the operator.

Feel and durability of switches

The control handles and arm rests include new switch buttons. The buttons have been selected on the terms of feel and durability.

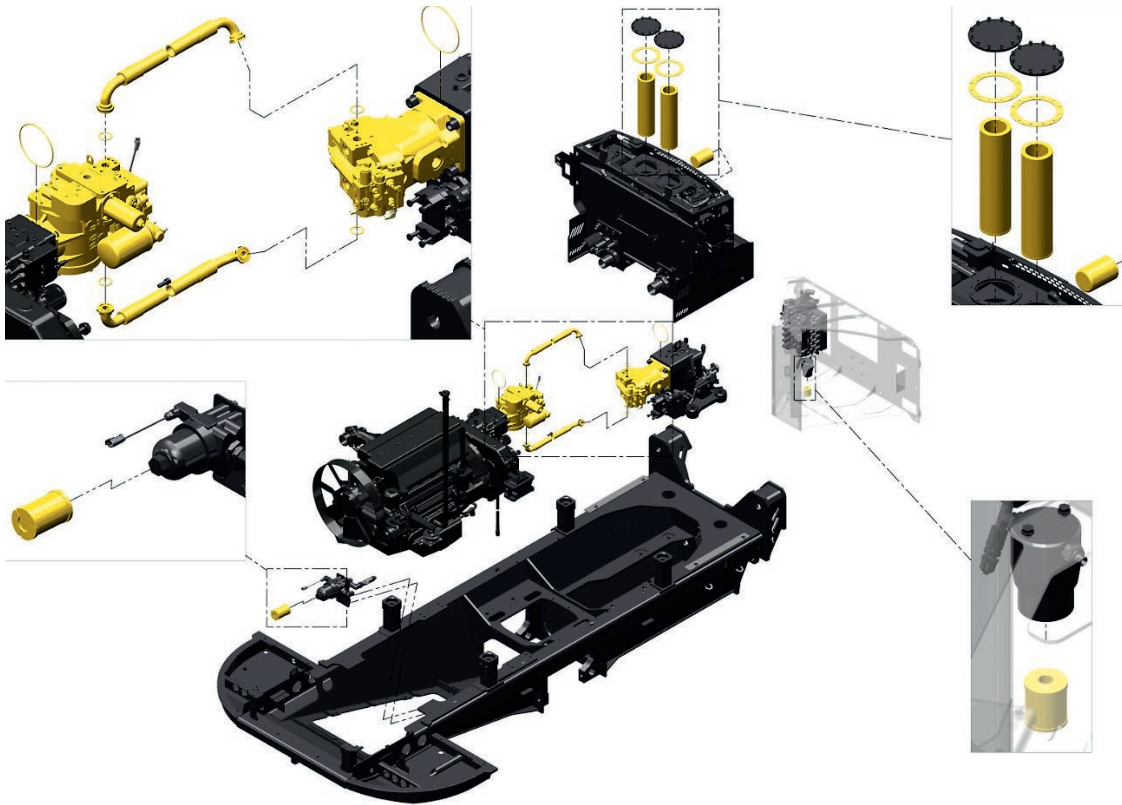
PONSSE COMFORT CONTROL HANDLE UPDATE

PONSSE Comfort control handle update is available from TP2004 model series onwards.

(ball handles)/harvesters	0070877
(mini handles)/harvesters	0070970
(mini handles)/forwarders	0072762
(Gessmann)/ harvesters	0075018

The estimated installation time is 8 hours. The installation is carried out by a service shop authorised by Ponsse.

UPDATED DRIVING HYDRAULICS



With updated packages, you can make your machine's driving hydraulics as good as new. Preventive maintenance in good time prevents any downtime resulting from worn components.

The packages include:

- Drive motor
- Drive pump
- Drive pump suction hose and clamps
- Transmission pressure hoses
- Drive motor and pump O-rings
- Hydraulic filters

- Return
- Servo (old model series)
- Cooling circulation
- Tank breather
- Working circuit (older Ergo and Beaver machines)
- Fan circuit filter (MS 2015)

Note: Installation and hydraulic oil are not included in the package.

The parts have a regular six-month spare parts warranty.

- + Driving efficiency as in new machines
- + Improved driving comfort and control
- + Savings in fuel consumption

Main components
Transmission hydraulic pump
Transmission hydraulic pump
Hose assemblies
Hydraulic filters
The estimated installation time is 8 hours.
The installation is performed by a Ponsse-authorized service shop.

MODEL SERIES 2000 & 2004		
Buffalo 8W 030285–030902		0069678
Buffalo 6W 0150003–0150039		
Buffalo Dual 070001–070155		
Buffalo 8W 0320001–0320616		0074927
Buffalo 6W 0310001–0310012		
Buffalo Dual 0340001–0340026		
Buffalo King 6W 0190001–0190040		0080986
Buffalo King 8W 0120001–0120152		
Buffalo King 6W 0350001 »		0081105
Buffalo King 8W 0360001 »		
Bear 8W 0210001–0210021		0080009
Ergo 6W 050001–051136		0070189
Ergo 6W 051137–051546		0077112
Ergo 6W 0390001–0390120		0077113
Ergo 8W 0230001–0230636		0077114
Wisent 8W 080183–080532		0069677
Wisent 6W 090035–090090		
Gazelle 0110001–0110180		
Elk 6W 0130001–0130093		
Elk 8W 0140001–0140384		
Wisent Dual 0100021–0100047		
Wisent 8W 0530001–0530131		0077126
Wisent 6W 0520001–0520005		
Gazelle 0540001–0540052		
Elk 6W 0480001–0480012		
Elk 8W 0490001–0490174		
Beaver 040001–040549		0077128
Beaver 040550–040768		0069679
Beaver 0450001 »		
Elephant 6W 0160001–0160003		0073301
Elephant 8W 0170001–0170135		
Elephant 8W 0420001–0420074		0076562
Elephant King 0440001–0440089		

MODEL SERIES 2015		
Bear A020001 »		0081084*
Beaver A010001 »		0081085
Buffalo 6W A150001 »		0081086
Buffalo 8W A080001 »		
Buffalo Dual 8W A140001 »		
Buffalo King 6W A190001 »		0081087
Buffalo King 8W A120001 »		
Buffalo AF A060001 »		0081088
Cobra A260001 »		0081089
Elephant 8W A180001 »		0081090**
Elephant King 8W A130002 »		
Elephant AF 8w A200001 »		0081095
Elephant King AF 8w A110001 »		
Ergo 6W A050003 »		0081096
Ergo 8W A090002 »		0081097
Ergo AF A220001 »		0081098
Fox A230001 »		0081099
Gazelle 8W A160001 »		0081100
Scorpion A040001 »		0081101*
Scorpion King A010001 »		0081102*
Elk 6W A170001 »		0081103
Elk 8W A070002 »		
Wisent A030003 »		

*Fan circuit filter 0036673 is in Bear machines A020001–A020026; to be ordered separately for Scorpions A040001–A040038 and Scorpion Kings A010001–A010092.

**Flushing line hose L0130 to be replaced by L865 hose in the following Elephant machines due to the drive motor change: A130001–A130020, A180001–A180012 and A180007. Hose to be ordered separately.

PONSSE FACELIFT PACKAGES



With the PONSSE Facelift Packages, the forest machine’s look can be upgraded to match the latest models, and its colour can be changed from grey to yellow. The packages contain a new engine cover, side boxes, light racks, top plate and new base machine stickers.

- + A modern look for your forest machine with PONSSE Facelift Packages
- + Upgrade the look of your forest machine
- + Get the latest facelift

PONSSE FACELIFT PACKAGES		
Beaver 040001–040167		0073123
Beaver 040168–040331		0071659
Beaver 040442–040729		0077308
Buffalo 030001–030140		0073124
Buffalo 030141–030293		0071701
Buffalo 030356–030452		0077163
Buffalo 030470–030902 & 0320001–0320218		0076649
Buffalo 0320219–0320616		0080530
Elk 0130054–0130087 & 0140166–0140314		0075853
Ergo 0230001–0230196		0076758
Ergo 0230197–0230636*		0078871
Ergo 050001–050327		0073122
Ergo 050328–050794		0071660
Ergo 050950–051546		0076759
Ergo 0390001–0390120		0080976
Wisent 080001–080214 & 090001–090043		0071702

* Not for machines with Herzog winch

PONSSE FACELIFT PACKAGES FOR 4-CYLINDER MACHINES		
Beaver 040382–040441		0077462
Elk 0130020–0130032 & 0140072–0140123		
Gazelle 0110057–0110082		
Wisent 080215–080250		
Beaver 040541 »		0077997
Elk 0130058 » & 0140186 »		
Fox 0240001 »		
Gazelle 0110111 »		
Wisent 080313 » & 090063 »		
The package is delivered without bonnet stickers		
* Machines share same parts, only bonnet stickers have to be changed per model. Order bonnet stickers separately.		
The estimated installation time is 8 hours. The installation is carried out by a service shop authorised by Ponsse.		

OPTI7 PC SYSTEM FOR FORWARDERS



- + Easier time and efficiency monitoring
- + Enables reporting on the volume of locally transported timber
- + Enables GPS positioning and map programs

OPTI7 PC SYSTEM FOR FORWARDERS	
TP2004	0075994
MS2015	0076399
The estimated installation time is 8 hours. The installation is carried out by a service shop authorised by Ponsse.	

PONSSE forwarders can be seamlessly linked with the wood procurement management system with the high-performance Opti7 PC system and Opti4G forwarder software. This enables short-distance transport to be planned and implemented as well as roadside storage to be monitored almost in real-time.

The software includes the OptiControl machine control system with operator profiles, data transfer and reporting programs. In addition, a forest company-specific map or data transfer application or GPS positioning can be connected to the system.

Time and efficiency monitoring
Time and efficiency monitoring is a standard feature in PONSSE forwarders equipped with an Opti7 PC. The system collects information on time distribution, production, machine operation and fuel consumption.

The operator logs in to the system at the beginning of the work shift. As the work progresses, the program automatically collects information, asking for reasons for breaks separately, where desired. The operator can monitor all reports on the machine display.

The program produces DRF report files read using the OptiReport program, both in the forwarder and the office.

From TP2004 model series onwards.

OPTI7 BASIC PACKAGE FOR ALL BASE MACHINES



- + Effective and versatile measuring and control system for all base machines.
- + Includes all necessary features for effective and reliable harvesting.

Ponsse has designed the Opti7 basic package for all types of base machines. The package consists of a display and seat module, as well as the Opti7 measuring device. Opti7 is a simple and versatile measuring and control system for PONSSE harvester head retrofits.

Opti7 includes all the features required for effective and productive harvesting when automatic bucking, wireless data transfer or map systems are required. Opti7 meets all the modern harvesting requirements of forest companies. Harvester head sensor and actuators are connected to the harvester head module. The module controls the harvester head and reads harvester head inputs. The module, sensors and actuators are delivered in a package delivered with the harvester head.

Note: Calipers are not included in the Opti7 basic package.

OPTI7 BASIC PACKAGE FOR ALL BASE MACHINES	
Opti7 measuring device	AM06975
Track-based excavators and most harvester-based base machines. Ask if Opti7 can be installed in your machine!	
Opti7 is fully compatible with all PONSSE harvester heads.	
The estimated installation time is 16 hours. The installation is carried out by a service shop authorised by Ponsse.	

4G MODEM PACKAGE



- PROPERTIES OF THE SIERRA AIRLINK RV50 MODEM:**
- 4G ready
 - Diversity in the antenna system -> better connections
 - Water and dust proofing in accordance with the IP64 standard
 - Impact, vibration, temperature and water proofing in accordance with the MIL-STD-810G standard
 - Also supports Metsä Group’s data transfers

4G MODEM PACKAGE
0078035

BURGER 1.6 AND 2.0 CLAM BUNK PACKAGE FOR PONSSE MACHINES



Burger clam bunks used by Ponsse can be retrofitted, for example, in the following PONSSE forwarders: Elk, Buffalo, BuffaloKing and Elephant.

It is easy to move long parts of stems when the clam bunk is a fixed part of the forwarder. The clam bunk is also well suited for moving pillars, and different assortments can be moved in the order best suited to the conditions.

The finished details and high-quality materials of the clam bunk ensure that it can be deployed without using any additional devices or a maintenance hall, and the installation will not take up the contractor's working hours. The clam bunk can be easily lifted using the forest machine's own crane and connected to the hydraulic system using quick couplings.

- + The machine can use both the tree length and the cut-to-length method.
- + A well-functioning package when combined with a PONSSE crane.
- + Easy to move whole stems.
- + Reliable German quality.

BURGER 1.6 AND 2.0 CLAM BUNK PACKAGE FOR PONSSE MACHINES	
Burger 1.6 m² package (Elk & Buffalo)	0068080
Burger 1.6 m² package (Elk & Buffalo model series 2015)	0077173
Burger 2.0 m² package (BuffaloKing & Elephant)	0068081
Main components	
Clam bunk	
Bracket	
Cable sets	
Hoses	
Fasteners	
Hydraulic connections	
Additional keyboards	
The estimated installation time is 8 hours. The installation is carried out by a service shop authorised by Ponsse.	

BULLDOZER BLADE KITS FOR FORWARDERS



- + A sturdy bulldozer blade for moving earth, snow, etc.
- + Helps to clear a storage location, for example
- + Can also help to keep the machine in place when working on slopes
- + The flotation function does not damage the ground when ploughing snow

A bulldozer blade can be used to move earth, snow or other material. The hydraulically operated bulldozer blade is installed in the machine's front frame, and it is controlled using the forwarder's control handles.

The bulldozer blade also features a flotation function to prevent the ground from being damaged when ploughing snow.

Bulldozer blade packages include everything needed in installation: bulldozer blade, cylinders, hoses, bulldozer blade valve and parts for the K17OLS valve block.

PONSSE ELK/ WISENT/ GAZELLE	
TP2004	0069701
PONSSE BUFFALO	
Buffalo 8w 030141–030902	0069776
Buffalo 6w 0150001–0150039	
BuffaloDual 070036–070155	
BuffaloKing 8w 0120001–0120152	
BuffaloKing 6w 0190001–0190040	
PONSSE BUFFALO	
Buffalo 0320001 »	0077359
Buffalo 6w 0310001 »	
BuffaloDual 0340001 »	
BuffaloKing 8w 0360001 »	
BuffaloKing 6w 0350001 »	
PONSSE ELEPHANT/ELEPHANTKING	
0420001 »	0069777
0440001 »	
ELEPHANT	
Elephant 0160001 »	0077263
Elephant 0170001 »	
FORWARDERS OF MODEL SERIES 2015	
Buffalo 8W A080034–A080628	0077181
Buffalo Dual A140003–A140017	
Buffalo King A120015–A120154	
Elephant A180001–A180081	
Elephant King A130002–A130137	
Elk 6W A170001 »	
Elk 8W A070002–A070172	
Gazelle A160001–A160026	
Wisent 8W A030003–A030159	
Buffalo 8W A080629 »	0080103
Buffalo Dual 8W A0140018 »	
Buffalo King 8W A120155 »	
Elephant 8W A180082 »	
Elephant King 8W A130138 »	
Elk 8W A070173 »	
Gazelle 8W A160027 »	
Wisent 8W A030160 »	
Main components	
Bulldozer blade	
Cylinder	
Load lowering valve	
Bulldozer blade components for valve block	
The estimated installation time is 8 hours. The installation is carried out by a service shop authorised by Ponsse.	

PONSSE SORTING BUNKS



PONSSE sorting bunks are available as an installation package.

By using sorting bunks, the forest machine operator can sort different assortments into different parts of the load space. This makes unloading quicker and improves the forwarder efficiency.

Sorting bunks are quick and easy to install. The first installation takes roughly 15 minutes. Once the bunks have been installed, their position can be changed by using the grapple. The operator does not need to exit the cabin.

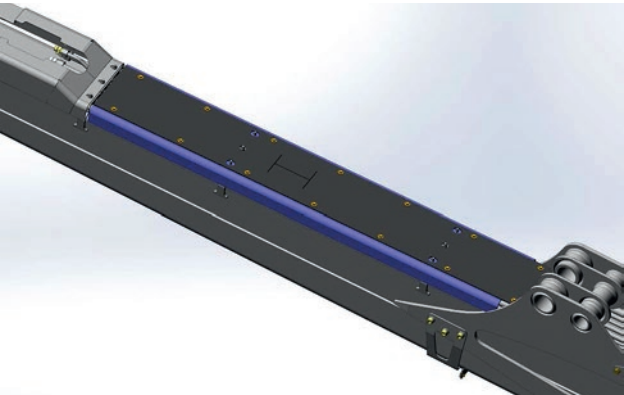
PONSSE SORTING BUNKS	
The item number includes 2 turning bunk units	
For normal plate bunks	0075700
For pipe bunks, Ø 90mm	0075701
The variable load space bunks	0075702

BASE AND VERTICAL PILLAR PACKAGE FOR FORWARDERS



BASE AND VERTICAL PILLAR PACKAGE FOR FORWARDERS	
Main components	
Base/vertical pillar K70	0074097
Base/vertical pillar K90/ K100/ K90Dual	0074104
The estimated installation time is 8 hours.	

SNOW PROTECTION PACKAGE FOR C50 CRANE HYDRAULIC PIPES



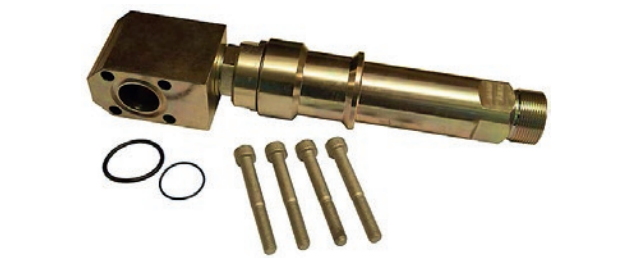
When working in snowy conditions, a rubber protective mat package is now available to protect pipes. The mat is installed on the pipes between two angle irons, underneath the luffing cylinder.

The angle irons are fixed to the same points as hydraulic pipe brackets.

As the pipe fixing points may vary from one crane unit to the next, more holes may need to be drilled in the angle irons.

C50 SNOW PROTECTION PACKAGE
0078121

HOSE REEL CONNECTION + TIGHTENING BLOCK PRE-ASSEMBLED



A pre-assembled connection and tightening block for the hose reel connection is now available for HN200, C2, C4 and C6 cranes.

The assembly is available with a connection for a pipe in accordance with the ORFS or JIC standard. The package also includes O-rings for necessary seal surfaces and block fastening bolts.

Pre-assembly ensures a high level of cleanliness and properly sealed slide surfaces. You also save time in the replacement of parts.

HOSE REEL TIGHTENING BLOCK	
ORFS connection. C2, C4 & C6	0077967
JIC connection. HN200, C2 & C4	0077966

SLIDING BOOM ROLLER PACKAGES



- + Ready-assembled roller packages for crane reconditioning.
- + Improved working comfort – the extension slides smoothly and accurately.
- + Quicker installation!

When replacing crane components, such as slide pads and chains, it is also good to remember rollers that support the boom and make sliding smoother. One of the competitive edges of PONSSE cranes is the light pushing resistance of sliding booms, achieved by supporting boom extensions at both ends using rollers. This is why the condition of both support rollers and roller bearings is important in order to use the crane effectively and economically.

The price of roller packages is lower than that of individual parts, plus you save time in assembly!

C44+, C50	
Main components	
Luffing boom cam rollers	AM04441
C22, C33, C44	
Main components	
Luffing boom cam rollers	AM00266
C2, C4, HN200 HI/HO	
Main components	
Main boom cam rollers	AM02334
Extension 1 cam rollers	AM00523
Extension 1 rear part	AM00722
C6 HI	
Main components	
Main boom cam rollers	AM02330
Extension 1 rear rollers	AM02755
Extension 1 rear part	AM02333
Extension 1 cam rollers	AM02331

MEASURING WHEEL PACKAGES

- + Measuring wheel packages for PONSSE harvester heads.
- + Complete replacement part – minimises downtime.
- + Quick and easy to install.
- + The replaced measuring package can be used as spare parts.

Ready-assembled measuring wheel packages are now available for PONSSE harvester heads. These competitively priced packages help you to get your machines back to productive harvesting.

Because the measuring wheel package is already assembled, all parts are installed in place at low cost compared with individual parts purchased separately. Furthermore, the measuring wheel packages are easy and quick to install. If a measuring wheel package breaks, all parts should be replaced simultaneously. Thus, the purchase of a complete package saves time and money.



MEASURING WHEEL PACKAGE H73E	
Maritime pine measuring wheel	00663731
Main components	
Length measuring device frame, 1 pc	P24085
Measuring wheel, 1 pc	230433
Pulse sensor, 1 pc	0068321
Spline shaft, 1 pc	P17267
Pulse wheel, 1 pc	P11921



MEASURING WHEEL PACKAGE H73E	
Three-line assembled measuring wheel	0066373
Main components	
Length measuring device frame, 1 pc	P47358
Measuring wheel, 1 pc	P18936
Pulse sensor, 1 pc	0068321
Spline shaft, 1 pc	P17267
Pulse wheel, 1 pc	P11921



MEASURING WHEEL PACKAGE H73	
Conventional 32-tooth measuring wheel	0066376
Main components	
Measuring device frame, 1 pc	P17413
Measuring wheel, 1 pc	230360
Pulse sensor, 1 pc	0062838



MEASURING WHEEL PACKAGE H60	
Three-line assembled measuring wheel	0066378
Main components	
Length measuring device frame, 1 pc	P46255
Measuring wheel, 1 pc	P18936
Pulse wheel, 1 pc	P11921
Pulse sensor	0068321



MEASURING WHEEL PACKAGE H53	
Two-line maritime pine measuring wheel	00663801
Main components	
Measuring device frame, 1 pc	P15840
Measuring wheel, 1 pc	P16297
Pulse sensor, 1 pc	0062838

MEASURING WHEEL PACKAGE H5	
Wide measuring wheel, suitable for multi-stemming	0071490

MEASURING WHEEL PACKAGE H6 / H7 / H8	
Wide measuring wheel, suitable for multi-stemming	0073214



MEASURING WHEEL PACKAGE H6 / H7 / H8	
Three-line assembled measuring wheel	0067712
Main components	
Length measuring device frame, 1 pc	P25609
Slewing ring, 3 pcs	P19254
Magnetic sensor, 1 pc	PS1237



MEASURING WHEEL PACKAGE H5	
Three-line assembled measuring wheel	0077525
Main components	
Length measuring device frame, 1 pc	P42085
Slewing ring, 3 pcs	P19254
Magnetic sensor, 1 pc	PS1237

The estimated installation time is 1–4 hours.
The installation is carried out by a service shop authorised by Ponsse.

HARVESTER HEAD BUSHING SETS



- + Reliable operation
- + Accuracy
- + Reliability

FITTING SETS		
Harvester head	Serial numbers	No.
H5	480001 »	0072717
H6	670001 »	0070214
H7	760001, 770001–770685	0067218
H7HD*	760001 »	0080113
H8	830001–830101	0067219
H8	840001 »	0074963
H8HD	D010001 »	0080078
H10	850001 »	0080083
H53	All	0063231
H60	All	0063230
H73	All	0063232
H73e	All	0067217

*For harvester heads with a tilt frame with bronze fittings

Bushing packages are available for all PONSSE harvester heads for replacing old and worn bushings. As a result, any clearance in the harvester head can be removed and to improve reliability.

The packages include all bushings for harvester heads: delimbing knives, feed roller frame, length measuring device frame, bushings for the tilt frame and reaction bar, making the harvester head as good as new. The VB series bushings used in Ponsse’s bushing packages endure heavy stress and high impact loads and have good lubrication characteristics thanks to lubricant holes.

CHECK THE PRODUCT RANGE IN THE PONSSE SERVICE APPLICATION

Using the mobile app, you can easily check PONSSE maintenance service products, such as oils and greases. In addition, the purpose of the selections featured in the app is to find the correct product more quickly.

The app can be downloaded from Google Play and App Store, and it also works offline.



Google Play



App Store

RETROFIT COLOUR MARKING EQUIPMENT



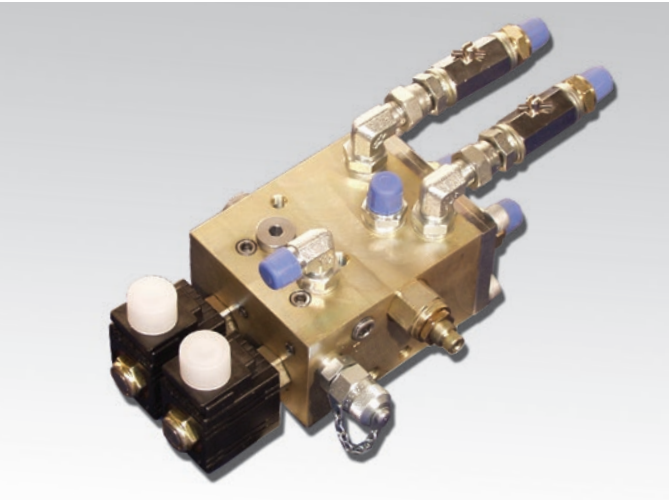
- + Available for all PONSSE harvester head models.
- + A handy retrofit package.

Retrofit colour marking equipment packages are available for PONSSE harvester heads.

The colour marking packages include all the parts required: hoses, colour marking tanks for the tilt frame, a colour marking knife with nozzles and the colour marking block, which needs to be ordered with a separate number.

The installation packages are designed for harvester heads that do not include a factory-installed colour marking system. Harvester heads can be quickly set up to be ready for colour marking using new package solutions.

COLOUR MARKING PACKAGES



- + Reliable and simple structure.
- + 100% marking reliability – quickly and accurately.
- + Complete replacement part – minimises downtime.

RETROFIT COLOUR MARKING EQUIPMENT	
H5	
480001 »	0078986
H6	
BSP 670001–670441	0068738
BSP 670442 »	0077657
H7	
770001 »	0068462
BSP 760001 »	0077236
ORFS 760001 »	0077249
H8	
830001 »	0068462
BSP 840001 »	0077236
ORFS 840001 »	0077249
+ COLOUR MARKING BLOCK FOR ALL HARVESTER HEADS	
BSP H5	0078985
BSP H6, H7, H8	0067785
ORFS H6, H7, H8	0077248
The estimated installation time is 8 hours. The installation is carried out by a service shop authorised by Ponsse.	

Ready-assembled hydraulic colour marking packages are now available for PONSSE harvester heads. The purpose of the packages is to operate colour marking in harvester heads as quickly as possible. Old and already-installed blocks dry up easily when unused, in which case the installation of a new block is a good and reliable solution.

The diameter of the colour pistons is wider than that of Ponsse’s competitors, so bleeding is easy, and timber can be marked quickly and accurately. The check valves in the nozzles stop the colour from leaking from the colour hoses, enabling 100% marking readiness, immediately in the morning, starting from the very first log.

NOTE: To be ordered separately with the complete package.

COLOUR MARKING PACKAGE	
BSP H5	0078985
BSP H53, H60, H73, H5, H6, H7, H8	0067785
ORFS H6, H7, H8	0077248
Main components	
Valve block, 1 pc	
Piston, 2 pcs	
Check valve, 4 pcs	
Check valve, 2 pcs	
Reel, 2 pcs	
The estimated installation time is 1–4 hours. The installation is carried out by a service shop or contractor authorised by Ponsse.	

PONSSE LOAD OPTIMIZER LOADER SCALE PACKAGES



- + The PONSSE Load Optimizer loader scale weighs, sorts, saves and manages load data at all working stages.
- + The scale packages are designed to endure extreme conditions and heavy use.
- + Load Optimizer offers a whole new perspective on loading: weight matters.

The new PONSSE Load Optimizer loader scale is accurate, durable and easy to use in precise weighing when loading and unloading wood, energy wood and other materials. The loader scale packages are now available for new and used PONSSE machines, as well as other forest machines.

Fully automatic weighing, taking place during loading and unloading, and load data registration fulfil the measurement requirements set for energy wood. Load data is always up to date. The clear graphic display, help texts and audible signals instruct the user during loading.

PONSSE loader scale installation packages for forwarders of other brands or PONSSE forest machines equipped with K90 and K100 series loaders: two packages are needed for installation (base machine package and loader package). Only one package is needed for PONSSE forest machines equipped with the K70+ loader, including base machine and loader parts for the loader scale installation.

A calibration weight (P30769) is available for all loader scale packages as optional equipment.

The loader scale packages are not compatible with loaders equipped with the Active Crane feature.

SCALE PACKAGE K70+ S (WISENT, ELK, GAZELLE)	
00672531	
Main components	
Module, 1 pc	1631691
Display, 1 pc	1631732
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P34380
Tree species selection keyboard, 1 pc	PS0453

SCALE PACKAGE K70+ M (WISENT, ELK, GAZELLE)	
00672541	
Main components	
Module, 1 pc	1631691
Display, 1 pc	1631732
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P25265 P32895
Tree species selection keyboard, 1 pc	PS0453

SCALE PACKAGE K70M	
0069009	
Main components	
Module, 1 pc	1631691
Display, 1 pc	1631732
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P25265

SCALE PACKAGE FOR OLDER PONSSE MODELS	
00676381	
Main components	
Module, 1 pc	1631691
Display, 1 pc	1631732
Weight sensor, 1 pc	1631733
Slewing sensor package, 1 pc	0066316
Tree species selection keyboard, 1 pc	PS0453

SCALE PACKAGE, MACHINES OF OTHER MANUFACTURERS	
Two installation packages are needed: base machine package + loader/crane package and optional equipment package.	0067722
Crane / Loader packages (slewing sensors)	
Kesla/Cranab	0067718
Loglift	0067719
Ponsse	0066316
Optional equipment packages	
Connector box	0067720
Connector box (Loglift) timber vehicles only	0067721
Cable set & voltage reducer	PS0398
USB cable	0067172
Printer	0074814
Colour cartridge	0066956



SCALE PACKAGE, CRANE (K90DUAL)	
00672601	
Main components	
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P25265

SCALE PACKAGE, LOADER (K90S, K100S)	
00672571	
Main components	
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P12631 P32893

SCALE PACKAGE, LOADER (K90S+, K100S+)	
0069010	
Main components	
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P12631

SCALE PACKAGE, LOADER (K90M, K100M)	
00672591	
Main components	
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P12631 P32893

SCALE PACKAGE, LOADER (K90M+, K100M+)	
0069011	
Main components	
Weight sensor, 1 pc	1631733
Hanger pin, 1 pc	P32893



SCALE PACKAGE/BASE MACHINE PACKAGE (BUFFALO, BUFFALODUAL, ELEPHANT)	
0067255	
Main components	
Module, 1 pc	1631691
Display, 1 pc	1631732
Tree species selection keyboard, 1 pc	PS0453

SCALE PACKAGE/BASE MACHINE PACKAGE (ELK, WISENTDUAL)	
0067256	
Main components	
Module, 1 pc	1631691
Display, 1 pc	1631732
Tree species selection keyboard, 1 pc	PS0453

The estimated installation time is 2–3 days.
The installation is carried out by a service shop authorised by Ponsse.

PONSSE THROUGH THE DECADES



1969

The first PONSSE Dino is manufactured at Kake's workshop in Vieremä for machine entrepreneur Einari Vidgrén.



1970

Einari Vidgrén establishes Ponsse Oy and leases a 300 m² facility from the municipality of Vieremä for the production of forest machines. In the 1970s, 50 PONSSE PAZ forwarders are completed in the facility.

1980S

The aluminium-frame S15 is a breakthrough in the forest machine market. The first harvester head, H520, is completed in 1986 and the first harvester in 1987. The factory is expanded.



1990S

The light 8-wheeler machine chain HS10 and S10 wins the Pro Finnish Design award. Ponsse is the first forest machine manufacturer to receive the ISO 9001 quality certificate. The 500th PONSSE is completed in 1993.



2000S

The product family undergoes a complete modernisation. Machines feature a striking modern design, a Mercedes-Benz engine and the digital OptiControl system. The 3,000th PONSSE is completed in 2003.

2010S

PONSSE Scorpion, a completely new forest machine, is introduced in 2013. A new logistics centre is completed in Iisalmi in the same year. The 10,000th PONSSE is completed in 2014.



2010S

In 2018, Ponsse's factory in Vieremä is expanded to cover four hectares. The first Bison forwarders and Cobra harvesters are completed in the world's most modern forest machine factory. The PONSSE forest machine number 15,000 is driven out of the factory in November 2019.

50 YEARS OF CTL HARVESTING

Ponsse, established by forest machine entrepreneur Einari Vidgrén, has throughout its history been a pioneer in sustainable and effective cut-to-length (CTL) harvesting.

The roots of the family-owned company, grown from the dream of a small farmer's boy into an international export company, lie deep in the Finnish countryside. The company has a strong value base that has steered Ponsse employees to do honest work, to respect people and the environment, and to develop the company's operations and community, since the company's establishment in 1970.

Now in 2020, Ponsse leads the way in efficient and responsible CTL harvesting solutions with its experience of more than 15,000 manufactured forest machines.

Ponsse operates in more than 40 markets. Exports account for 78% of the company's net sales. Ponsse's operations are still guided by the wishes and needs of forest machine entrepreneurs.



PONSSE'S VALUES

EINARI VIDGRÉN, 1943-2010

CUSTOMER-ORIENTATION

"Practice is the best teacher. And the best specialists are machine operators. It is worthwhile paying close attention to what they say and to keep their words well in mind."

HONESTY

"If you want to succeed in this business, you need to have honest and trustworthy relationships in both directions. Dishonesty takes you nowhere."

THE PONSSE SPIRIT

"As we're all part of the same company, everyone can call me Einari."

INNOVATIVENESS

"Let's make it ourselves! It must grapple a tree like a bear, and the log must pass through with a good speed."



A logger's best friend

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