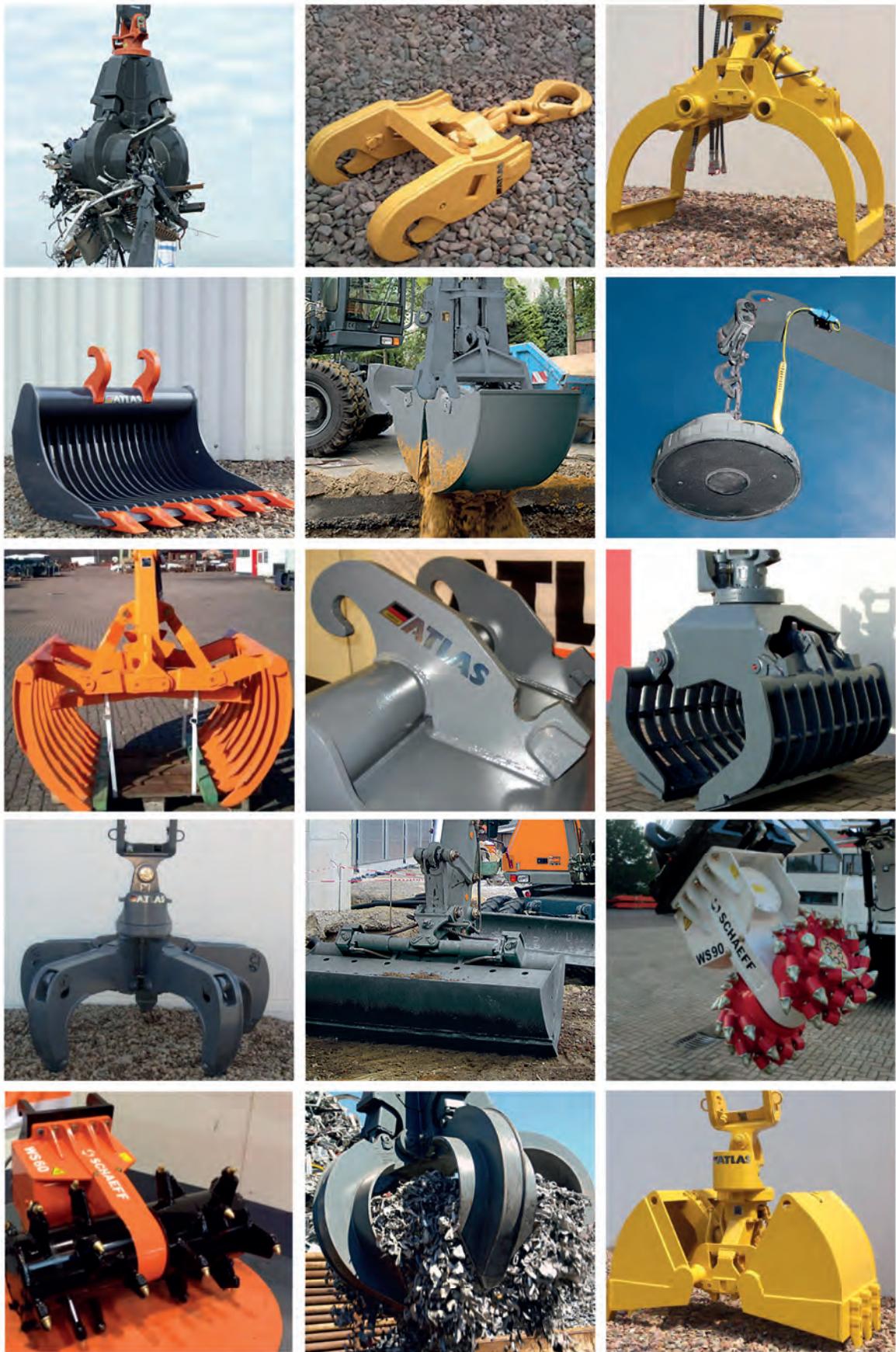


ATLAS

SINCE 1919

ATLAS ACCESSORY EQUIPMENT for excavators – PRICE PROPOSAL

ACCESSORY EQUIPMENT



PRODUCT RANGE



MOBILE EXCAVATORS

ATLAS mobile excavators are the all-purpose excavators for road construction and underground engineering work. They are enormously strong, solid and mobile and can be operated effectively in virtually all kinds of conditions.

- Excellent stability for maximum performance
- Optimal centre of gravity and ideal weight distribution
- Precise digger control with a sensitive hydraulic system
- Streamlined for trench work, strong design and construction



RAIL-ROAD EXCAVATORS

The ATLAS Rail-Road Excavators are adaptable and flexible: the new computer-aided CARSY system ensures optimal contact pressure with the rails. They can be used for an array of applications, from cutting works to dismantling and upgrading the railway track.

- More than 30 years manufacturing experience
- Optimal stability - Allows easy railing / de-railing and convenient handling for operators
- Versatility
- Mechanical Expertise
- Security
 - Automatic self-diagnosis
 - Emergency de-railing is permanently available and double protected on rail guide wheels
 - Fast cycle times
 - Optimised handling

MOBILBAGGER

Die ATLAS Mobilbagger sind die Universalbagger beim Straßen- und Tiefbau. Ihre enorme Kraft, Standfestigkeit und Mobilität ermöglichen ein effektives Arbeiten unter nahezu allen Einsatzbedingungen.

- Maximale Leistung dank exzellenter Stabilität
- Optimaler Schwerpunkt und ideale Gewichtsverteilung
- Präzise Baggersteuerung über feinfühlige Hydraulik
- Optimierte Design für Grabarbeiten, robuste Konstruktion, Bedienerfreundlichkeit

ZWEIWEGBAGGER

Die ATLAS Zweiwegebagger sind anpassungsfähig und flexibel: Das computergestützte CARSY System gewährleistet optimalen Anpressdruck auf die Schienen. Die Bagger sind vielseitig einsetzbar, von Böschungsarbeiten bis hin zu Modernisierung von Gleisanlagen.

- Mehr als 30 Jahre Erfahrung
- Optimale Stabilität
 - Ermöglicht leichtes Auf- und Abgleisen
 - Bequeme Handhabung für den Bediener
- Vielseitigkeit
- Know-how in der Konstruktion
- Sicherheit
 - Automatische Selbstdiagnose
 - Notausgleisung immer gewährleistet und doppelt abgesichert
 - Schnelle Zyklen
 - Hohe Bedienfreundlichkeit

PRODUCT RANGE



MATERIAL HANDLING MACHINES

ATLAS material handlers include mobile industrial machines and industrial tracked machines, which work on applications such as scrap, wood, bulky goods, special recycling, port applications and vacuum operations.

- Fast cycle times
- Optimised handling
- Mechanical expertise
- 20 years manufacturing experience
- Reliability
- Extended life span
- Versatility
- Range of diverse equipment to meet customer expectations



CRAWLER EXCAVATORS

Maximum digging performance, large loads and superior tear-out and break-away forces thanks to excellent kinematics. Maximum power with Cummins high-performance engines. Fast, sensitive working cycles with a newly-developed Rexroth hydraulic system.

- Powerful
- Fast operating cycles
- Easy to operate
- Low fuel consumption
- Easy maintenance
- Excellent visibility

UMSCHLAGMASCHINEN

ATLAS Lademaschinen sind mobile Umschlagmaschinen und Umschlagmaschinen mit Raupenfahrwerk für den industriellen Einsatz bei z.B. Schrott, Holz, sperrigen Gütern und Recycling, in Häfen und bei Spezialarbeiten.

- Know-how in der Konstruktion
- 20 Jahre Erfahrung
- Schnelle Zyklen
- Hohe Bedienfreundlichkeit
- Zuverlässigkeit
- Lange Lebensdauer
- Vielseitigkeit
- Große Auswahl an Zusatzausrüstungen

RAUPENBAGGER

Optimale Grableistung, hohe Traglasten sowie überlegene Reiß- und Losbrechkräfte durch sehr gute Kinematik. Maximale Leistung durch Cummins Hochleistungsmotoren. Schnelle und feinfühlige Arbeitsspiele durch neu entwickeltes Rexroth-Hydrauliksystem.

- Leistungsstark
- Schnellste Arbeitszyklen
- Hohe Bedienfreundlichkeit
- Niedriger Kraftstoffverbrauch
- Perfekte Wartungsfreundlichkeit
- Optimale Rundumsicht

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Quick change devices (QCD)

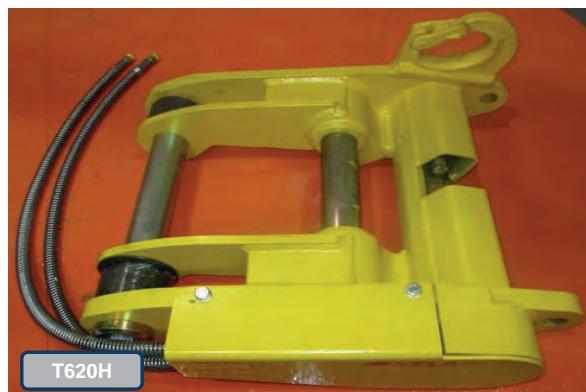
suitable for articulated jibs with a dipper-tipping cylinder and a reverse gear
for changing the dipper (bucket) with a dipper (bucket), the bucket with a grab or the grab with another grab

| Material no. | Type designation | Arm width (mm) | Bolt Ø | with ... T load hook | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--|--------|----------------------|----------------------------|-------------|---------------------|
| 4108416 | T4.20 | 105 | 35 | without | 1–2 t | 20 | 1 450 € |
| 3198025 | T8.20 | 150 | 40 | without | 3–5 t | 29 | 1 550 € |
| 2521300 | T11.20 | 168 | 50 | without | 6–11 t | 35 | 1 730 € |
| 4545448 | T620V | 268 | 60 | 10 - UKN8 | 9–23 t | 115 | 3 490 € |
| 6141104 | T620SMP2-STD | 268 | 60 | 10 - UKN8 | 9–23 t | 90 | 4 200 € |
| 6139674 | T620SMP2-EURO | 268 | 60 | 10 - UKN8 | 9–23 t | 98 | 4 200 € |
| 4538358 | T620H | 268 | 60 | 10 - UKN8 | 9–23 t | 130 | 4 030 € |
| | | with hydraulic latching; a hydraulic attachment kit for excavators is required (in conjunction with a SW* joint plate and a SW* load hook, a wedge with a wrench, material no. 5411278 is required) | | | | | |
| 5445449 | T63.20-270 | 268 | 60 | 10 | 9–23 t | 181 | 3 950 € |
| | | suitable for work attachments with connection T63.20 | | | | | |
| 6112694 | T63.20H-270 | 268 | 60 | 10 | 9–23 t | 210 | 5 850 € |
| | | with hydraulic latching; a hydraulic attachment kit for excavators is required (in conjunction with a SW* joint plate and a SW* load hook, a wedge with a wrench, material no. 5411278 is required) | | | | | |
| 4568445 | T63.20 | 300 | 80 | 10 | 17–26 t | 188 | 3 620 € |
| 4568456 | T63.20H | 300 | 80 | 10 | 17–26 t | 215 | 5 500 € |
| | | with hydraulic latching; a hydraulic attachment kit for excavators is required (in conjunction with a SW* joint plate and a SW* load hook, a wedge with a wrench, material no. 5411278 is required) | | | | | |
| 6127030 | T63.20-311 | 311 | 80 | 10 | 17–26 t | 182 | 3 950 € |
| | | suitable for work attachments with connection T63.20 | | | | | |
| 6127051 | T63.20H-311 | 311 | 80 | 10 | 17–26 t | 215 | 5 850 € |
| | | with hydraulic latching; a hydraulic attachment kit for excavators is required (in conjunction with a SW* joint plate and a SW* load hook, a wedge with a wrench, material no. 5411278 is required) | | | | | |
| 4551037 | T620-300 | 300 | 80 | 10 | 17–26 t | 105 | 3 620 € |
| | | suitable for work attachments with connection T620 | | | | | |
| 5448022 | T620H-300 | 300 | 80 | 10 | 17–26 t | 127 | 4 510 € |
| | | with hydraulic latching; a hydraulic attachment kit for excavators is required (in conjunction with a SW* joint plate and a SW* load hook, a wedge with a wrench, material no. 5411278 is required) | | | | | |
| 6116761 | T620-311 | 311 | 80 | 10 | 17–26 t | 130 | 3 620 € |
| | | suitable for work attachments with connection T620 | | | | | |
| 6104952 | T620H-311 | 311 | 80 | 10 | 17–26 t | 155 | 4 510 € |
| | | with hydraulic latching; a hydraulic attachment kit for excavators is required (in conjunction with a SW* joint plate and a SW* load hook, a wedge with a wrench, material no. 5411278 is required) | | | | | |
| 4541320 | T722 | forked | 80 | 10 | 22–35 t | 253 | 4 280 € |
| 4541400 | T722 H | forked | 80 | 10 | 22–35 t | 275 | 6 700 € |
| | | with hydraulic latching; a hydraulic attachment kit for excavators is required (in conjunction with a SW* joint plate and a SW* load hook, a wedge with a wrench, material no. 5411278 is required) | | | | | |

* (quick-coupler)



T620V



T620H

Quick change devices for changing the grab with a grab

| Material no. | Type designation | Arm width (mm) | Bolt Ø | with ... T load hook | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|--|-------------------|-----------|-------------------------|-------------------------------|----------------|------------------------|
| 1491130 | T610 | 268 | 60 | | 12–23 t | 30 | 550 € |
| | Bolts, a wedge and a wrench, bolts with centring sleeves for the holder of the quick change joint plate, load hook, etc. | | | | | | |
| 4568467 | T63.10 | 300 | 80 | | 17–26 t | 32 | 750 € |
| | Bolts, a wedge and a wrench, bolts with centring sleeves for the holder of the quick change joint plate, load hook, etc. | | | | | | |
| 5411267 | T713 | 345 | 80 | | 26–50 t | 24 | 440 € |
| | Bolts and a wrench, bolts with centring sleeves for the holder of the quick change joint plate, load hook, etc. | | | | | | |
| 5411278 | Wedge with a wrench | | | | | 12 | 280 € |

T610



Quick coupler Lehnhoff

See the extra price list Quick coupler and dipper system Lehnhoff
Quick couplers of system Lehnhoff are delivered in red!



Oil Quick Original quick coupler - with an attachment (for retrofitting)

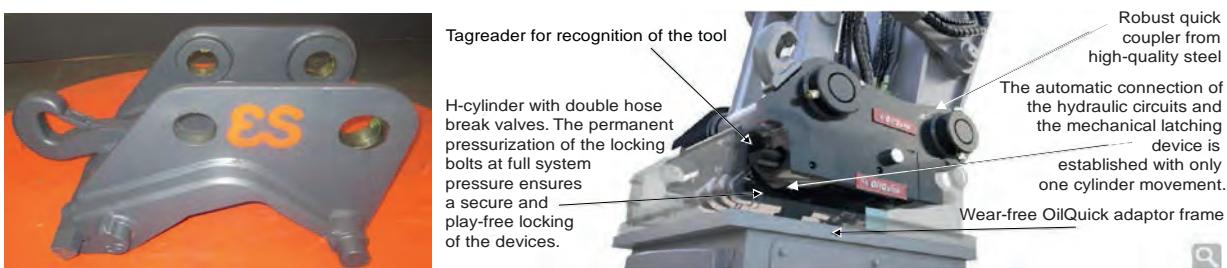
| | | | | | | | |
|---------|---------------------------|-----|----|-----------|---------|-----|----------|
| 6150119 | SWE-OQ65-270-60 | 268 | 60 | 10 | 12–22 t | 200 | 17 450 € |
| 6157484 | SWE-OQ65-300-80 | 300 | 80 | 10 | 12–22 t | 200 | 17 450 € |
| 6158079 | SWE-OQ65-311-80 | 311 | 80 | 10 | 12–22 t | 200 | 17 450 € |
| 6148988 | SWE-OQ70/55-270-60 | 268 | 60 | 10 | 18–30 t | 250 | 22 300 € |
| 6150150 | SWE-OQ70/55-300-80 | 300 | 80 | 10 | 18–30 t | 250 | 22 300 € |
| 6096815 | SWE-OQ70/55-311-80 | 311 | 80 | 10 | 18–30 t | 250 | 22 300 € |

Oil Quick Original quick coupler - mounted to a new excavator by the manufacturer

| | | | | | | | |
|---------|---------------------------|-----|----|-----------|---------|-----|----------|
| 6160392 | SWE-OQ65-270-60 | 268 | 60 | 10 | 12–22 t | 200 | 17 450 € |
| 6161197 | SWE-OQ65-300-80 | 300 | 80 | 10 | 12–22 t | 200 | 17 450 € |
| 6161198 | SWE-OQ65-311-80 | 311 | 80 | 10 | 12–22 t | 200 | 17 450 € |
| 6161231 | SWE-OQ70/55-270-60 | 268 | 60 | 10 | 18–30 t | 250 | 22 300 € |
| 6161234 | SWE-OQ70/55-300-80 | 300 | 80 | 10 | 18–30 t | 250 | 22 300 € |
| 6161235 | SWE-OQ70/55-311-80 | 311 | 80 | 10 | 18–30 t | 250 | 22 300 € |

Quick coupler Verachtert

| | | | | | | | |
|---------|--|-----|----|------------|---------|-----|---------|
| 6178646 | SWE CW.3.SPDL 270-60 with spindle suitable for CW20-40 | 268 | 60 | 7.5 | 13–21 t | 220 | 4 550 € |
| 6166385 | SWE HCW.3 270-60 hydraulic suitable for CW20-40 | 268 | 60 | 7.5 | 13–21 t | 220 | 4 550 € |



SWE HCW4 300-80LH
6181712

Hydraulic quick change device
Oil Quick Original

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Offer list: Attachments for hydraulic excavators

Valid from: 01.04.2016

Articulation pieces – ATLAS - quick change, connection between the articulated jib end and the grab rotation gear

| Material no. | Type designation | Suitable for SWE (quick change devices) | Suitable for | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|--------------------------|--|--|-------------------------------|----------------|------------------------|
| 3132265 | T11.40 | T11.20 | without wedge E11.2, E11.32 | 6–11 t | 40 | 1 260 € |
| 6011101 | T630 | T620V , T620 H, T610 | without wedge E12, E31.2, E32, E332 | 12–23 t | 62 | 1 100 € |
| 3105911 | T630 S GER.PLATTE | T620V , T620 H, T610 | without wedge for welding | 12–23 t | 44 | 930 € |
| 6141102 | T630SMP2-STD | T620SMP2-STD | with wedge E12, E31.2,E32,E332 | 12–23 t | 82 | 2 150 € |
| 6139673 | T630SMP2-EURO | T620SMP2-EURO | with wedge E12, E31.2,E32,E332 | 12–23 t | 90 | 2 150 € |
| 4568489 | T63.31 | T63.20 , T63.20 H | without wedge E12, E31.2, E32, E332 | 17–26 t | 90 | 2 150 € |
| 4568003 | T63.34 | T63.20 , T63.20 H | without wedge E2.62, E713, E732 E732-2 | 17–26 t | 105 | 2 150 € |
| 4578174 | T730 | T620V , T620 H | without wedge E2.62, E713, E732 E732-2 | 17–26 t | 71 | 1 140 € |
| 4528618 | T731 | T722 , T722H | with wedge E2.62, E713, E732 E732-2 | 17–35 t | 118 | 2 150 € |
| 4516772 | T733 | T713 | with wedge E12, E31.2, E32, E332 | 17–35 t | 84 | 1 800 € |
| 3510876 | T734 | T713 | with wedge E2.62, E713, E732 E732-2 | 26–50 t | 89 | 1 800 € |
| 6163524 | T832-660L | T713 | with wedge E832-2 | 26–50 t | 150 | 1 950 € |

Grab adaptations Schaeff

| | | | | | | |
|---------|-------------------------|--|------|-------|----|-------|
| 6101513 | GA-SWE-TC16-E4.2 | | E4.2 | 1–2 t | 20 | 695 € |
|---------|-------------------------|--|------|-------|----|-------|

Grab adaptations Verachtert

| | | | | | | | |
|---------|---------------------------|--------------------|--------------|--------------------------|---------|-----|--------------|
| 6119390 | GA-CW20-40BR-E32 | CW20 - 40br | wide version | E12, E32, E332 | 10–19 t | 130 | 1 980 € |
| 6160617 | GA-CW20-40BR-E2.62 | CW20 - 40br | wide version | E2.62, E713, E732 E732-2 | 26–50 t | 118 | upon request |

Grab adaptations Lehnhoff

| | | | | | | |
|---------|-------------------------|-------------|---------------------|---------|-----|---------|
| 6128022 | GA-MS01-E4.2 | MS01 / HS01 | E4.2 | 1–2 t | 21 | 995 € |
| 6128191 | GA-MS03-E8.2 | MS03 / HS03 | E8.2 | 3–5 t | 35 | 1 200 € |
| 6068804 | GA-MS08-E11.2 | MS08 / HS08 | E11.2, E11.32 | 6–11 t | 65 | 1 480 € |
| 6142003 | GA-MS08-E12 | MS08 / HS08 | E12, E32, E332 | 5–12 t | 60 | 1 480 € |
| 6132361 | GA-MS10-E32 | MS10 / HS10 | E12, E32, E332 | 10–19 t | 170 | 2 580 € |
| 6132350 | GA-MS21-E32 | MS21 / HS21 | E12, E32, E332 | 19–26 t | 205 | 3 100 € |
| 6135913 | GA-MS21/25-E2.62 | MS21 / HS21 | E2.62, E732, E732-2 | 19–35 t | 228 | 3 500 € |

Grab adaptations Oilquick (HP not necessary)

| | | | | | | | |
|---------|-----------------------|---------|--------------|---------------------|---------|-----|---------|
| 6140596 | GA-OQ65-T31 | OQ65 | T31 required | E12, E32, E332 | 12–23 t | 165 | 7 350 € |
| 6140951 | GA-OQ70-55-T31 | OQ70-55 | T31 required | E12, E32, E332 | 12–23 t | 150 | 7 700 € |
| 6152199 | GA-OQ70-55-T64 | OQ70-55 | T64 required | E2.62, E732, E732-2 | 19–35 t | 155 | 7 700 € |

Additional quick couplers (SW) - grab adaptations for Lehnhoff, Verachtert and Oilquick - can be supplied upon request!



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Offer list: Attachments for hydraulic excavators

Valid from: 01.04.2016

Articulation pieces – permanent installation, connection between the articulated jib end and a grab rotation gear

| Material no. | Type designation | Altitude (mm) | Arm width (mm) | Bolt Ø | Suitable for | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-----------------------------|------------------------------------|-----------|--|-------------------------------|----------------|------------------------|
| 3523462 | T4.2 | 180 | 110 | 35 | E4.2 | 1–2 t | 4 | 350 € |
| 3135600 | T8.2 | 280 | 150 | 40 | E8.2 | 3–5 t | 9 | 500 € |
| 2593748 | T11.4 | 240 | 168 | 50 | E11.2, E11.32 | 6–11 t | 15 | 580 € |
| 3168530 | T21 | 320 | 268 | 60 | E11.2, E11.32 | 9–22 t | 30 | 920 € |
| 1586714 | T31 | 300 | 268 | 60 | E12, E31.2, E32, E332 | 12–23 t | 25 | 980 € |
| 1572810 | T35 | 250 / 350 re-arrangeable | 268 | 60 | E12, E31.2, E32, E332 mainly for grabs with low altitude | 12–23 t | 41 | 980 € |
| 1572832 | T36 | 490 | 268 | 60 | E12, E31.2, E32, E332 Altitude: 490 mm long, mainly for steeply positioned jibs and telescopic articulated jibs | 12–23 t | 43 | 980 € |
| 2228779 | T64 | 450 | 268 | 60 | E2.62, E713, E732, E732-2 | 17–26 t | 60 | 980 € |
| 1572854 | T2.61 | 450 | 290 | 60 | E2.62, E713, E732, E732-2 | 17–26 t | 65 | 1 320 € |
| 1572876 | T2.62 | 380 | 290 | 60 | E12, E31.2, E32, E332 | 17–23 t | 41 | 1 320 € |
| 5401743 | T63.01 | 440 | 300 | 80 | E12, E31.2, E32, E332 | 17–23 t | 57 | 1 280 € |
| 4568490 | T63.04 | 400 | 300 | 80 | E2.62, E713, E732, E732-2 | 17–26 t | 54 | 1 280 € |
| 1572912 | T71 | 480 | forked | 80 | E2.62, E713, E732, E732-2 | 17–35 t | 60 | 1 320 € |
| 1572898 | T72 | 380 | 345 Industrial articulated jibs | 80 | E2.62, E713, E732, E732-2 | 17–35 t | 55 | 1 070 € |
| 2214319 | T74 | 420 | 345 Industrial articulated jibs | 80 | E32 | 17–35 t | 54 | 1 230 € |
| 6104916 | T72-311 | 450 | 311 | 80 | E2.62, E713, E732, E732-2 | 17–35 t | 81 | 1 280 € |
| 3189057 | T81 | 480 | forked | 80 | E832-2 | 26–50 t | 105 | 1 560 € |
| 6162290 | T82-630L | 630 | 345 Industrial articulated jibs | 80 | E832-2 | 26–50 t | 150 | 1 380 € |



Grab rotation gear, hydraulically advancing by an oil engine, capable of rotation

| Material no. | Type designation | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---|----------------------------|-------------|---------------------|
| 6135920 | E4.2 | without a grab cylinder | 1–2 t | 19 | 2 150 € |
| 3175200 | E8.2 | with a grab cylinder | 3–5 t | 90 | 5 750 € |
| 4512507 | E11.2 | with a grab cylinder | 6–11 t | 140 | 6 300 € |
| 4513042 | E11.32 | without a grab cylinder | 6–11 t | 65 | 3 750 € |
| 6030688 | E12 | with a grab cylinder | 10–15 t | 200 | 6 850 € |
| 6030684 | E31.2 | with a grab cylinder | 12–23 t | 215 | 7 400 € |
| 6014722 | E32 | with a grab cylinder | 12–23 t | 230 | 6 250 € |
| 6015121 | E332 | without a grab cylinder | 12–23 t | 90 | 4 110 € |
| 4514190 | E2.62 | with a grab cylinder | 17–35 t | 380 | 9 750 € |
| 3593999 | E713 | with a grab cylinder, for a deep-grab gear suitable for all kinds of E32 grabs, E35–E310.5 E714 is required as extension | 17–35 t | 320 | upon request |
| 4515511 | E732 | without a grab cylinder | 17–35 t | 150 | 4 810 € |
| 5453052 | E732-2 | without a grab cylinder, with 2 rotary motors | 17–35 t | 170 | 6 450 € |
| 6077949 | E832-2 | without a grab cylinder, with 2 rotary motors | 25–50 t | 200 | 7 500 € |



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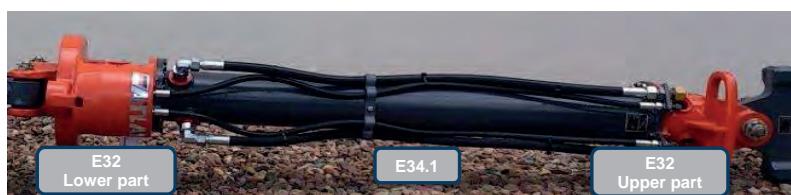
Valid from: 01.04.2016

Hydraulic package (compl. SL- connection, articulated jib – grab rotation gear with SV-couplings)

| Material no. | Type designation | Grab rotation gear | Articulation piece SW (quick coupler) | ATLAS excavator | Arm width (mm) | SL - size and length | List price plus VAT |
|--------------|--------------------------|---|---------------------------------------|--|----------------|------------------------------|---------------------|
| | HP-E8.2-T8.4 | E8.2 | T8.2 | 804 | 150 | SL 8 x 1600 SL 10 x 1600 | 300 € |
| 3168392 | HP-E11.2-T11.4 | E11.2, E11.32 | T11.4 T21 | 1004 1104, 1204 | 168 268 | SL 10 x 1350 SL 16 x 1500 | 370 € |
| 5440126 | HP-E11.2-11.40 | E11.2, E11.32 | T11.40 | 1004 | 168 | SL 10 x 1350 SL 16 x 1500 | 500 € |
| 5416137 | HP-E12-T31 | E12 | T31 | 1104/1204 | 268 | SL 10 x 1600 SL 16 x 1600 | 400 € |
| 5412393 | HP-E12-T630 | E12 | T630 | 1104/1204 | 268 | SL 10 x 1600 SL 16 x 1700 | 500 € |
| 5441514 | HP-E32-T31 | E32, E 332, E31.2 | T31, T35 | 12-1605,1604 /1705 130W-170W | 268 | SL 10 x 1600 SL 20 x 1700 | 450 € |
| 5400742 | HP-E32-T630 | E32, E332, E31.2 | T630 | 12-1605,1604 /1705 130W-170W | 268 | SL 10 x 1600 SL 20 x 1800 | 550 € |
| 5404008 | HP-E32-T63.01 | E32, E332 | T63.01, T63.31 | 1605,1705,1805,1905 190W, 220W | 300 | SL 10 x 2000 SL 20 x 1800 | 450 € |
| | | | | 12-1605,1604 /1705 130-170W 1705 (T620-300) 190W, 220W (T620-300) | 268 (300) | SL 10 x 1600 SL 20 x 2000 | 450 € |
| 5404031 | HP-E2.62-T64 | E2.62, E732, E732-2 | T64, T730 | 2005, 2205 190W, 220W | 300 | SL 10 x 1800 SL 20 x 2000 | 450 € |
| 5401709 | HP-E2.62-T63.04 | E2.62, E732, E732-2 | T63.04, T63.34 | 1704-1804 | forked | SL 10 x 2300 SL 20 x 2300 | 480 € |
| 5404019 | HP-E2.62-T71 | E2.62, E72 E732, E732-2, E832-2 | T71, T731, T81, T831, GA-MS10 | 1704,1804 Indust. and telescopic 270MH, 350MH | 345 | SL 10 x 1600 SL 20 x 1600 | 450 € |
| 5412439 | HP-E2.62-T72 | E2.62, E72 E732, E732-2, E832-2 | T72, T734 | 1304-1705 Indust. and telescopic 180MH, 200MH | 268 | SL 10 x 1800 SL 20 x 1700 | 450 € |
| 3178645 | HP-E732-T64 | E32, E332, E31.2 E2.62, E732, E732-2 | T36, T630 T64, T730 | 1604MI, 230MH AB1622 | 268 290 | SL 10 x 1800 SL 20 x 2000 | 450 € |
| 6079002 | HP-E732-T64-MI | E32, E332, E31.2 E2.62, E732, E732-2 | T630, T2.61, T2.62 | 1804MI,350MH Ind. and telescopic | 345 | SL 10 x 1800 SL 20 x 1800 | 450 € |
| 5412440 | HP-E832-2-T832-MI | E832-2 | T832, T82 | 5205, 520MH | 345 | SL 10 x 2300 SL 20 x 2300 | 550 € |
| 6041142 | HP-E832-2-T832 | E2.62, E732, E732-2, E832-2 | T72, T734, T82, T832 | | | | |

Grab extensions

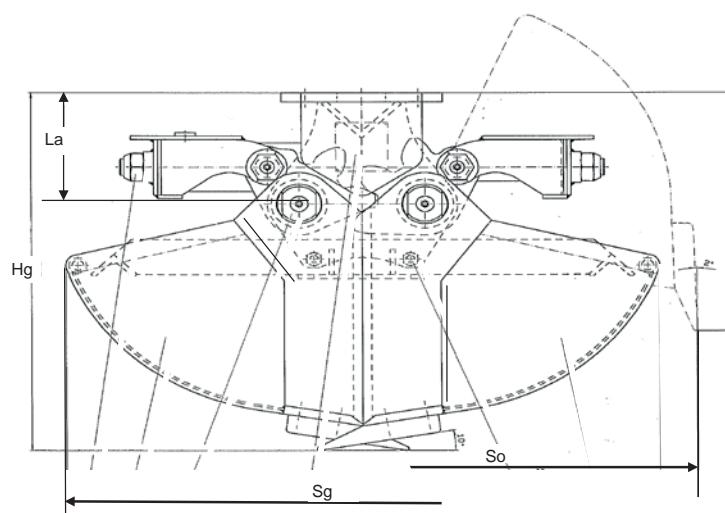
| Material no. | Type designation | Length (mm) | Suitable for | Weight (kg) | List price plus VAT | |
|--------------|--|-------------|--------------|-------------|---------------------|----------------|
| 0727633 | E34 | 1 000 | with 4 hoses | E32 | 65 | 2 300 € |
| 0742267 | E34.1 | 1 500 | with 4 hoses | E32 | 90 | 2 360 € |
| 0732572 | E34.2 | 2 000 | with 4 hoses | E32 | 115 | 2 420 € |
| | In order to connect the two extensions E34-E34.2 you need extra 1x for each: | | | | | |
| 6151206 | Connecting tube short | | | 0.5 | 80 € | |
| 6151207 | Connecting tube long | | | 0.5 | 80 € | |
| 0728598 | E74 | 1 000 | with 2 hoses | E2.62 | 130 | 4 650 € |
| 0742278 | E74.2 | 2 000 | with 2 hoses | E2.62 | 200 | 5 150 € |
| 3594014 | E714 | 2 000 | with 2 hoses | E713 | 110 | 2 650 € |



Clamshell bucket with a grab cylinder

Grab rotation gear E4.2 is required

| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|----------------------------------|-------------|---------------------|
| 3511731 | E4.5 | 270 | 40 | with an ejector 3 screw teeth | 1–2 t | 80 3 080 € |
| 3511800 | E4.6 | 350 | 50 | with an ejector 4 screw teeth | 1–2 t | 90 3 490 € |



| Type designation | Material no.: | Hg | Ho | La | Sg | So |
|------------------|---------------|-----|-----|-----|-----|-----|
| E4.5 | 3511731 | 515 | 344 | 160 | 730 | 820 |
| E4.6 | 3511800 | 515 | 344 | 160 | 730 | 820 |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

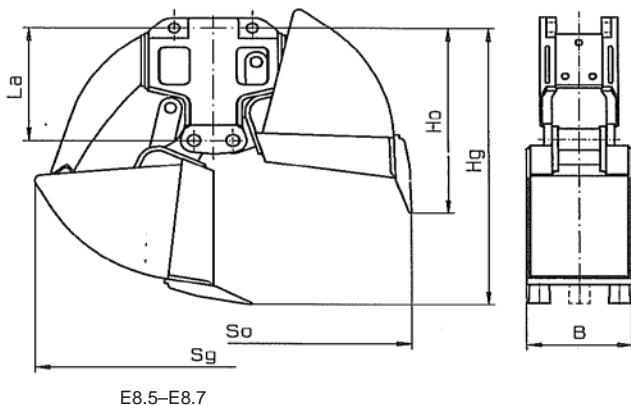
Altitude of rotation gear E4.2 incl. T4.2 = 320 mm
Operating pressure: max. 200 bar

GAMS01
6128022 m.

Clamshell bucket without a grab cylinder

Grab rotation gear E8.2 is required

| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|-------------------------------------|----------------------------|-------------|---------------------|
| 3173844 | E8.5 | 200 | 50 | with an ejector 3 screw teeth | 3–5 t | 112 | 3 020 € |
| 3173946 | E8.6 | 270 | 70 | with an ejector 3 screw teeth | 3–5 t | 120 | 3 250 € |
| 3174027 | E8.7 | 450 | 100 | without an ejector 3 screw teeth | 3–5 t | 127 | 3 410 € |
| 6102084 | E8.7.5 | 450 | 100 | with an ejector 3 screw teeth | 3–5 t | 130 | 3 600 € |



| Type designation | Material no.: | Hg | Ho | La | Sg | So |
|------------------|-------------------------------------|-----|-----|-----|-----|-------|
| E8.5 | 3173844 | 815 | 545 | 331 | 910 | 1 000 |
| E8.6 | 3173946 | 815 | 545 | 331 | 910 | 1 000 |
| E8.7 | 3174027 | 815 | 545 | 331 | 910 | 1 000 |
| E8.7.5 | 6102084 as E8.7 but with an ejector | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Altitude of rotation gear E8.2 incl. T8.4 = 611 mm

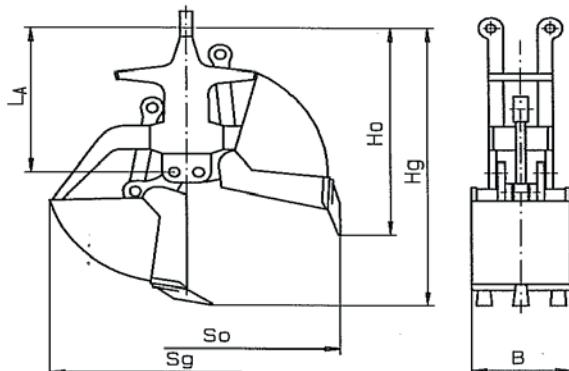
Operating pressure: max. 200 bar

GAMS03
6128191 m.

Clamshell bucket without a grab cylinder

Grab rotation gear E11.2 is required

| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|-------------------------------------|----------------------------|-------------|---------------------|
| 2553819 | E11.5 | 300 | 110 | with an ejector 3 screw teeth | 6–11 t | 240 | 3 890 € |
| 2553886 | E11.6 | 400 | 150 | with an ejector 3 screw teeth | 6–11 t | 220 | 3 920 € |
| 2553466 | E11.7 | 600 | 220 | without an ejector 5 screw teeth | 6–11 t | 258 | 4 170 € |
| 2553740 | E11.7.5 | 600 | 220 | with an ejector 5 screw teeth | 6–11 t | 295 | 4 330 € |
| 6035451 | E11.8 | 800 | 450 | without an ejector 7 screw teeth | 6–11 t | 390 | 5 450 € |



E11.5–E11.8



T11.4 + E11.2 + E11.8

| Type designation | Material no.: | Hg | Ho | LA | Sg | So |
|------------------|--------------------------------------|-------|-----|-----|-------|-------|
| E11.5 | 2553819 | 1 300 | 930 | 675 | 1 120 | 1 300 |
| E11.6 | 2553886 | 1 300 | 930 | 675 | 1 120 | 1 300 |
| E11.7 | 2553466 | 1 300 | 930 | 675 | 1 120 | 1 300 |
| E11.7.5 | 2553740 as E11.7 but with an ejector | | | | | |
| E11.8 | 6035451 | 1 425 | 945 | 675 | 1 378 | 1 542 |
| | | | | | | |
| | | | | | | |

Altitude of rotation gear E11.2 incl. T11.4 = 630 mm

Operating pressure: max. 250 bar



E11.5



E11.6

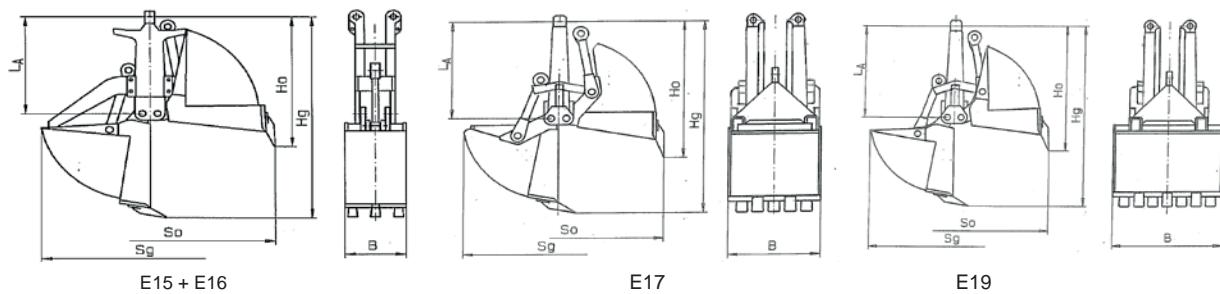


E11.7

Clamshell bucket without a grab cylinder

Grab rotation gear E12 is required

| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--|--------|-------------------------------------|----------------------------|-------------|---------------------|
| 1419201 | E15 | 300 | 170 | with an ejector 3 screw teeth | 10–15 t | 370 | 4 320 € |
| 1419198 | E16 | 400 | 210 | with an ejector 3 screw teeth | 10–15 t | 390 | 4 400 € |
| 1922609 | E16 - 500 | 500 | 280 | with an ejector 4 screw teeth | 10–15 t | 413 | 5 150 € |
| 1419176 | E17 | 600 | 300 | without an ejector 5 screw teeth | 10–15 t | 390 | 4 430 € |
| 1497590 | E17.1 | ejector for retrofitting from E17 to E17.5 4 bolts 1973882 are required | | | | 40 | 700 € |
| 1419187 | E17.5 | 600 | 300 | with an ejector 5 screw teeth | 10–15 t | 410 | 5 200 € |
| 1419165 | E19 | 800 | 400 | without an ejector 7 screw teeth | 10–15 t | 420 | 5 150 € |



| Type designation | Material no.: | Hg | Ho | LA | Sg | So |
|------------------|---------------|----------------------------|-------|-----|-------|-------|
| E15 | 1419201 | 1 520 | 1 025 | 745 | 1 430 | 1 620 |
| E16 | 1419198 | 1 520 | 1 025 | 745 | 1 430 | 1 620 |
| E16-500 | 1922609 | 1 520 | 1 025 | 745 | 1 430 | 1 620 |
| E17 | 1419176 | 1 375 | 985 | 700 | 1 240 | 1 420 |
| E17.5 | 1419187 | as E17 but with an ejector | | | | |
| E19 | 1419165 | 1 375 | 985 | 700 | 1 240 | 1 420 |

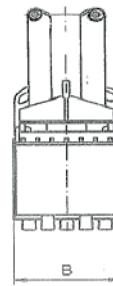
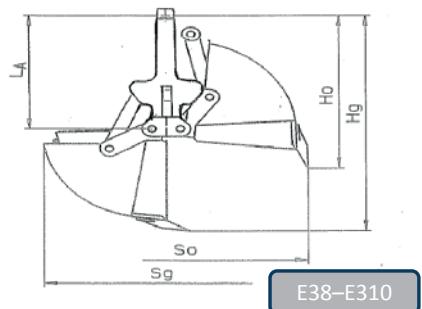
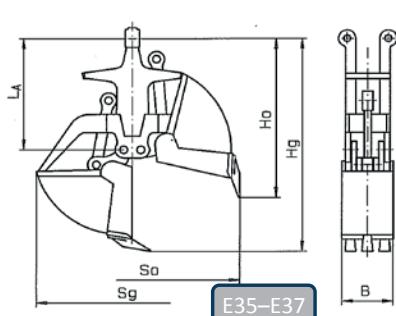
Altitude of rotation gear E12 incl. T31 = 827 mm
Operating pressure: max. 250 bar



Clamshell bucket without a grab cylinder

Grab rotation gear E32 is required

| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--|--------|--|----------------------------|-------------|---------------------|
| 1517324 | E35 | 300 | 180 | with an ejector 3 screw teeth, load hook 5 t | 12-23 t | 470 | 4 900 € |
| 1517222 | E36 | 400 | 250 | with an ejector 3 screw teeth, load hook 5 t | 12-23 t | 500 | 5 000 € |
| 3081296 | E37 | 500 | 300 | with an ejector 4 screw teeth, load hook 5 t | 12-23 t | 530 | 5 500 € |
| 1517131 | E38 | 600 | 350 | without an ejector 5 screw teeth, eylet for shackle 5 t | 12-23 t | 500 | 5 150 € |
| 1512534 | E38.1 | ejector for retrofitting from E38 to E38.5 4 bolts 0586530 are required | | | | 68 | 1 020 € |
| 1517120 | E38.5 | 600 | 350 | with an ejector 5 screw teeth, eylet for shackle 5 t | 12-23 t | 580 | 6 150 € |
| 1517415 | E39 | 800 | 450 | without an ejector 7 screw teeth, eylet for shackle 5 t | 12-23 t | 580 | 5 700 € |
| 1512545 | E39.1 | ejector for retrofitting from E39 to E39.5 4 bolts 0586530 are required | | | | 78 | 1 150 € |
| 1517404 | E39.5 | 800 | 450 | with an ejector 7 screw teeth, eylet for shackle 5 t | 12-23 t | 670 | 6 750 € |
| 3081309 | E310 | 1 000 | 560 | without an ejector 9 screw teeth, eylet for shackle 5 t | 12-23 t | 660 | 7 300 € |
| 2545400 | E310.1 | ejector for retrofitting from E310 to E310.5 4 bolts 0586530 are required | | | | 90 | 1 270 € |
| 2545364 | E310.5 | 1 000 | 560 | with an ejector 9 screw teeth, eylet for shackle 5 t | 12-23 t | 750 | 8 550 € |
| 4685674 | LASTH. 5TO | load hook 5 t for welding | | | | 5 | 230 € |



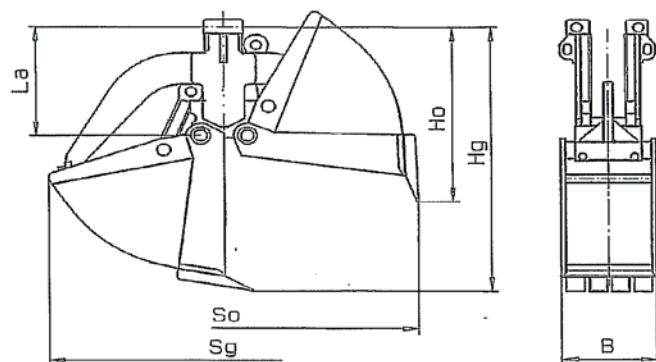
| Type designation | Material no.: | Hg | Ho | LA | Sg | So |
|---|---------------|-----------------------------|-------|-----|-------|-------|
| E35 | 1517324 | 1 615 | 1 145 | 840 | 1 465 | 1 630 |
| E36 | 1517222 | 1 615 | 1 145 | 840 | 1 465 | 1 630 |
| E37 | 3081296 | 1 615 | 1 145 | 840 | 1 465 | 1 630 |
| E38 | 1517131 | 1 520 | 1 070 | 800 | 1 390 | 1 550 |
| E38.5 | 1517120 | as E38 but with an ejector | | | | |
| E39 | 1517415 | 1 520 | 1 070 | 800 | 1 390 | 1 550 |
| E39.5 | 1517404 | as E39 but with an ejector | | | | |
| E310 | 3081309 | 1 520 | 1 070 | 800 | 1 390 | 1 550 |
| E310.5 | 2545364 | as E310 but with an ejector | | | | |
| E310-700L w/o teeth 6153154 | | 1 620 | 1 070 | 800 | 1 590 | 1 750 |
| Altitude of rotation gear E32 incl. articulation piece T31 = 951 mm | | | | | | |
| Operating pressure: max. 300 bar | | | | | | |



Clamshell bucket without a grab cylinder, short design

Grab rotation gear E31.2 is required

| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---------------------------|--------|-------------------------------------|-------------|---------------------|
| 4533659 | E31.42 | 280 | 105 | with an ejector 3 screw teeth | 12-23 t | 375 5 250 € |
| 4532409 | E31.43 | 300 | 180 | with an ejector 3 screw teeth | 12-23 t | 434 5 950 € |
| 4533580 | E31.44 | 400 | 240 | with an ejector 4 screw teeth | 12-23 t | 465 7 600 € |
| 3594649 | E31.46 | 600 | 350 | without an ejector 5 screw teeth | 12-23 t | 445 6 250 € |
| 3590634 | E31.48 | 800 | 460 | without an ejector 7 screw teeth | 12-23 t | 522 7 350 € |
| 6065939 | E31.50 | 1 000 | 590 | without an ejector 7 screw teeth | 12-23 t | 570 8 100 € |
| 4532227 | E31.52 | 1 200 | 690 | without an ejector 9 screw teeth | 12-23 t | 650 9 050 € |
| 4685674 | LASTH. 5TO | load hook 5 t for welding | | | 5 | 230 € |



| Type designation | Material no.: | Hg | Ho | La | Sg | So |
|------------------|---------------|-------|-----|-----|-------|-------|
| E31.42 | 4533659 | 1 145 | 835 | 532 | 1 210 | 1 350 |
| E31.43 | 4532409 | 1 295 | 855 | 532 | 1 490 | 1 650 |
| E31.44 | 4533580 | 1 295 | 855 | 532 | 1 490 | 1 650 |
| E31.46 | 3594649 | 1 265 | 830 | 532 | 1 400 | 1 550 |
| E31.48 | 3590634 | 1 265 | 830 | 532 | 1 400 | 1 550 |
| E31.50 | 6065939 | 1 265 | 830 | 532 | 1 400 | 1 550 |
| E31.52 | 4532227 | 1 265 | 830 | 532 | 1 400 | 1 550 |

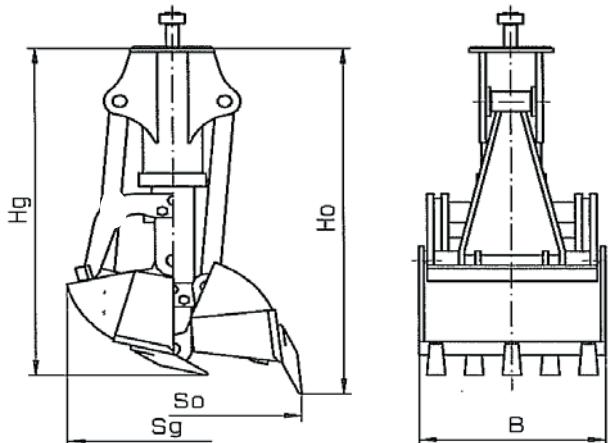
Altitude of rotation gear E31.2 incl. T31 = 700 mm

Operating pressure: max. 300 bar



**Clamshell bucket with a grab cylinder and a rotary feed system,
short design, grab rotation gear E332 is required**

| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---|--------|----------------------------------|-------------|---------------------|
| 1597295 | E334 | Ballast grab Opening dimensions: 800 x 800 | 110 | with an ejector 6 screw teeth | 12–23 t | 490 9 900 € |
| 1597308 | E336 | Ballast grab Opening dimensions: 600 x 1 200 | 200 | with an ejector 5 screw teeth | 12–23 t | 510 9 800 € |
| 4685674 | LASTH. 5TO | load hook 5 t for welding | | | 5 | 230 € |



| Type designation | Material no.: | Hg | Ho | Sg | So |
|------------------|---------------|-------|-------|-------|-------|
| E334 | 1597295 | 1 235 | 1 305 | 670 | 800 |
| E336 | 1597308 | 1 437 | 1 340 | 1 030 | 1 200 |

Altitude of rotation gear E332 incl. T31 = 667 mm

Operating pressure: max. 300 bar

Clamshell bucket with two vertical grab cylinders

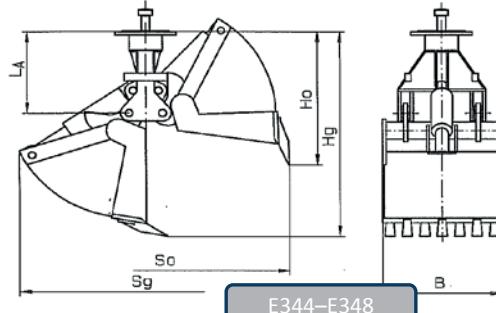
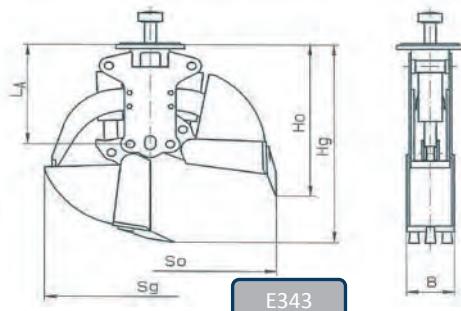
and a rotary feed system, short design, grab rotation gear E332 is required

| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---|--------|---|----------------------------|-------------|---------------------|
| 4584605 | E343 | 280 | 100 | with an ejector 3 screw teeth | 12-23 t | 472 | 7 950 € |
| | | Openings dimensions 1 350 above the teeth | | Grab for gripping in between the sleepers | | | |
| 6125592 | E343-600 | 600 | 220 | with an ejector 5 screw teeth | 12-23 t | 551 | 9 050 € |
| | | Openings dimensions 1 350 above the teeth | | Load hook 5 t for welding | | 5 | 230 € |
| 4685674 | LASTH. 5TO | | | | | | |

Clamshell bucket with two horizontal grab cylinders

and a rotary feed system, short design, grab rotation gear E332 is required

| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---------------------------|--------|-------------------------------------|----------------------------|-------------|---------------------|
| 1420942 | E344 | 600 | 350 | without an ejector 5 screw teeth | 12-23 t | 490 | 7 500 € |
| 1420953 | E345 | 700 | 400 | without an ejector 5 screw teeth | 12-23 t | 585 | 8 500 € |
| 1420964 | E346 | 800 | 450 | without an ejector 7 screw teeth | 12-23 t | 610 | 7 950 € |
| 2580298 | E348 | 1 000 | 560 | without an ejector 7 screw teeth | 12-23 t | 640 | 9 350 € |
| 4685674 | LASTH. 5TO | Load hook 5 t for welding | | | | 5 | 230 € |



| Type designation | Material no.: | Hg | Ho | LA | Sg | So |
|------------------|---------------|-------|-----|-----|-------|-------|
| E343 | 4584605 | 1 190 | 905 | 590 | 1 120 | 1 350 |
| E344 | 1420942 | 1 295 | 830 | 520 | 1 475 | 1 650 |
| E346 | 1420964 | 1 295 | 830 | 520 | 1 475 | 1 650 |
| E348 | 2580298 | 1 295 | 830 | 520 | 1 475 | 1 650 |

Altitude of rotation gear E332 incl. T31 = 667 mm

Operating pressure: max. 300 bar



E343



E346

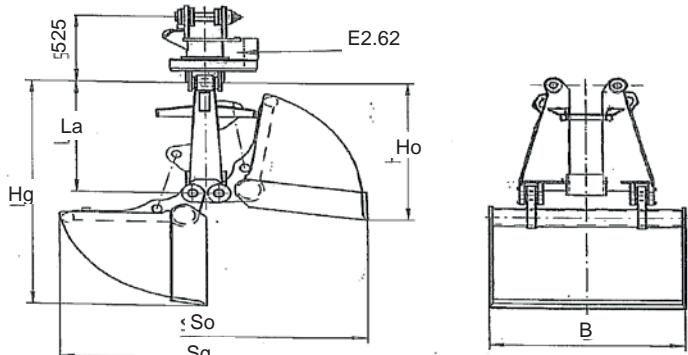


T630 + E332 + E346

Clamshell bucket without a grab cylinder

Grab rotation gear E2.62 is required

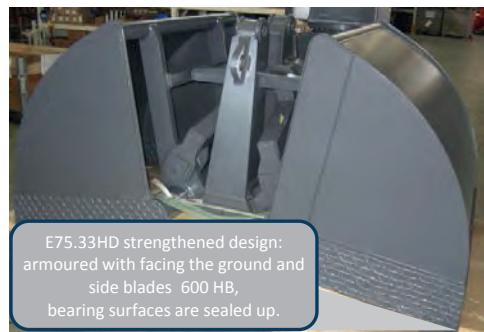
| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|-------------------------------------|----------------------------|-------------|---------------------|
| 0743780 | E2.66 | 600 | 450 | with an ejector 4 screw teeth | 17–35 t | 750 | 8 600 € |
| 0743791 | E2.67 | 850 | 600 | without an ejector 7 screw teeth | 17–35 t | 890 | 10 300 € |
| 6014972 | E75.32 | 1 210 | 1 200 | without an ejector without teeth | 17–35 t | 1 195 | 13 400 € |
| 6000759 | E75.33 | 1 210 | 1 500 | without an ejector without teeth | 17–35 t | 1 270 | 14 700 € |
| 6152286 | E75.33 HD | 1 210 | 1 500 | without an ejector without teeth | 17–35 t | 1 290 | 20 200 € |
| 6144538 | E75.35 | 1 460 | 1 800 | without an ejector without teeth | 25–35 t | 1 280 | 16 200 € |
| 6023077 | E75.36 | 1 610 | 2 000 | without an ejector without teeth | 25–35 t | 1 340 | 16 800 € |
| 6174310 | E75.36 HD | 1 610 | 2 000 | without an ejector without teeth | 25–35 t | 1 510 | 21 950 € |
| 3592589 | E75.37 | 2 010 | 2 500 | without an ejector without teeth | 25–35 t | 1 480 | 18 400 € |
| 6150177 | E75.38 | 2 010 | 3 000 | without an ejector without teeth | 25–35 t | 1 550 | 21 800 € |
| 6089753 | E75.40 | 2 610 | 4 000 | without an ejector without teeth | 25–35 t | 1 800 | 22 200 € |



| Type designation | Material no.: | Hg | Ho | La | Sg | So |
|------------------|---------------|-------|-------|-----|-------|-------|
| E2.66 | 0743780 | 1 690 | 1 125 | 940 | 1 570 | 1 625 |
| E2.67 | 0743791 | 1 690 | 1 204 | 875 | 1 510 | 1 710 |
| E75.32 | 6014972 | 1 785 | 1 080 | 875 | 1 800 | 1 940 |
| E75.33 | 6000759 | 1 885 | 1 090 | 875 | 2 076 | 2 140 |
| E75.33 HD | 6152286 | 1 885 | 1 090 | 875 | 2 076 | 2 140 |
| E75.35 | 6144538 | 1 885 | 1 090 | 875 | 2 076 | 2 140 |
| E75.36 | 6023077 | 1 885 | 1 090 | 875 | 2 076 | 2 140 |
| E75.36 HD | 6174310 | 1 885 | 1 090 | 875 | 2 076 | 2 140 |
| E75.37 | 3592589 | 1 885 | 1 090 | 875 | 2 076 | 2 140 |
| E75.38 | 6150177 | 1 985 | 1 106 | 875 | 2 276 | 2 337 |
| E75.40 | 6089753 | 1 985 | 1 106 | 875 | 2 276 | 2 337 |

Altitude of rotation gear E2.62 incl. articulation piece T72 = 905 mm

Operating pressure: max. 300 bar



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Offer list: Attachments for hydraulic excavators

Valid from: 01.04.2016

Clamshell grab with a horizontal grab cylinder

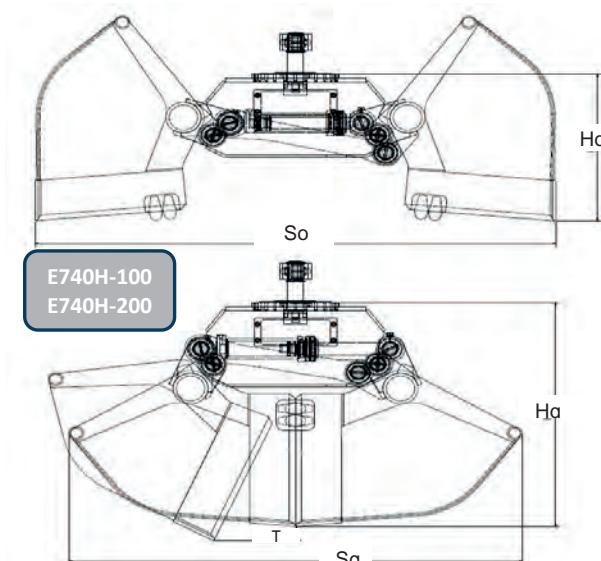
Grab rotation gear E732-2 is required

| Material no. | Type designation | Width | Litres | | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|----------------------------------|----------------------------|-------------|---------------------|
| 6173856 | E740H-100 | 1 000 | 1 000 | without an ejector without teeth | 17–35 t | 1 080 | 20 200 € |
| 6173857 | E740H-200 | 2 000 | 2 000 | without an ejector without teeth | 17–35 t | 1 480 | 22 400 € |

Clamshell grab with a horizontal grab cylinder

Grab rotation gear E 832-2 is required

| | | | | | | | |
|---------|-----------|-------|-------|----------------------------------|---------|-------|----------|
| 6157065 | E940H-100 | 1 000 | 1 250 | without an ejector without teeth | 25–50 t | 1 660 | 28 450 € |
| 6156173 | E940H-200 | 2 000 | 2 500 | without an ejector without teeth | 25–50 t | 2 070 | 31 000 € |



Side blades Hardox 400
Floor blades Hardox 500

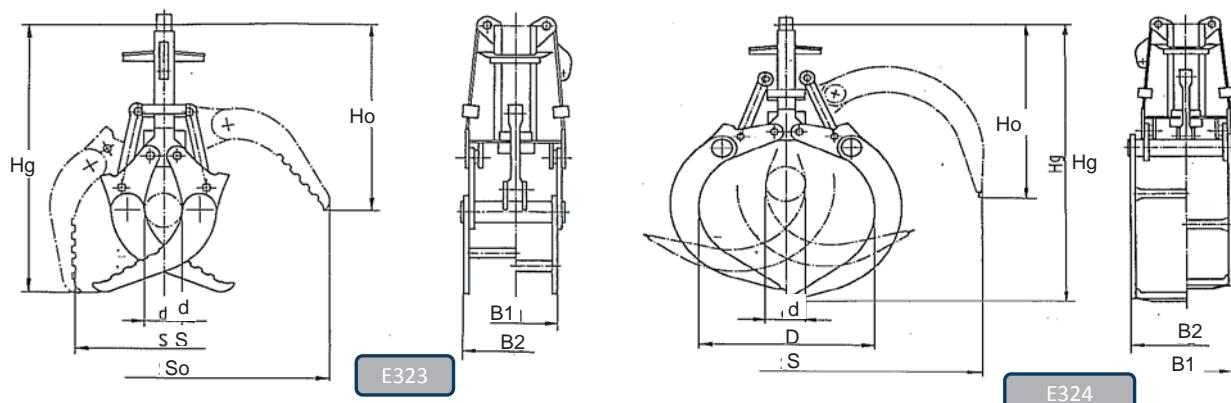
| Type designation | Material no.: | Hg | Ho | T | Sg | So |
|------------------|---------------|-------|-----|----|-------|-------|
| E740H-100 | 6173856 | 1 114 | 732 | 80 | 1 971 | 2 264 |
| E740H-200 | 6173857 | 1 114 | 732 | 80 | 1 971 | 2 264 |
| E940H-100 | 6157065 | 1 308 | 865 | 95 | 2 245 | 2 681 |
| E940H-200 | 6156173 | 1 325 | 926 | 95 | 2 245 | 2 681 |



Log grab without a grab cylinder

Grab rotation gear E32 is required

| Material no. | Type designation | Width | DU (\varnothing) / QM (sq.m.) | Suitable for and required | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--|-----------------------------------|---------------------------|----------------------------|-------------|---------------------|
| 1420931 | E323 | Grab for bundles of wood and tree trunks: E32 600 | \varnothing 200-1 000 | | 12-23 t | 400 | 5 750 € |
| 1420895 | E324 | Round log grab 700 | 1 QM (sq.m.) | E32 | 12-23 t | 480 | 6 950 € |



| Type designation | Hg | Ho | d | D | S | So | B1 | B2 |
|------------------|-------|-------|-----|-------|-------|-------|-----|-----|
| E323 | 1 660 | 1 120 | 200 | | 1 030 | 1 880 | 480 | 600 |
| E324 | 2 060 | 1 300 | 250 | 1 160 | 2 420 | | 590 | 700 |
| | | | | | | | | |
| | | | | | | | | |

Altitude of rotation gear E32 incl. T31 = 951 mm
Operating pressure: max. 300 bar



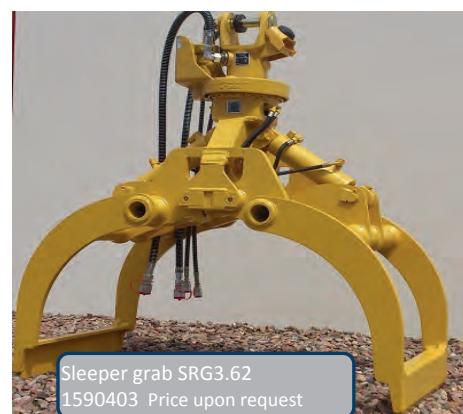
E323



E324



E323

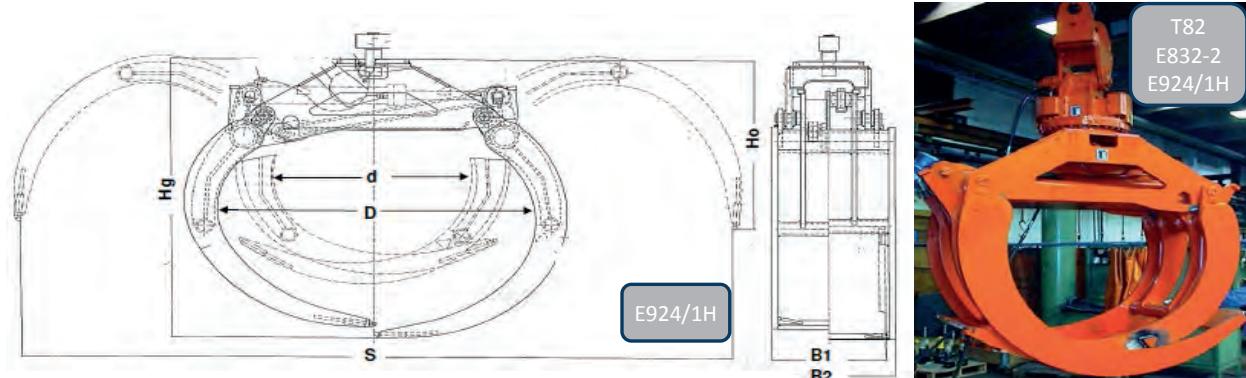
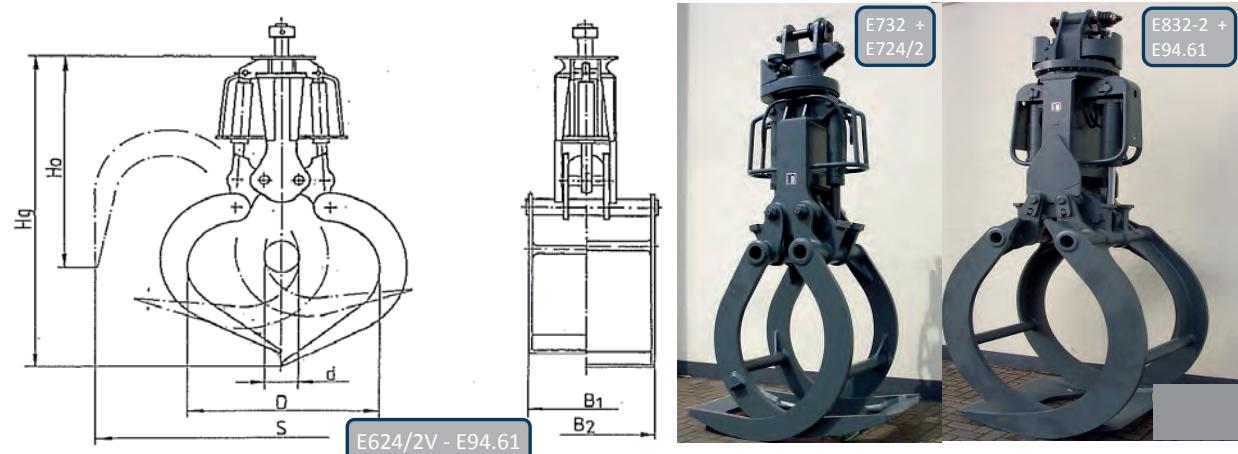


Sleeper grab SRG3.62
1590403 Price upon request

Log grab with a grab cylinder and rotary feed system

Grab rotation gear E732 / E832-2 is required

| Material no. | Type designation | Width | QM | Suitable for and required | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------------------|-----|------------------------------|-------------------------------|----------------|------------------------|
| 6075763 | E624/2V | LOG GRAB 780 | 1 | E732, E732-2 | 17–35 t | 1 005 | 16 650 € |
| 6015584 | E724/2V | LOG GRAB 800 | 1.3 | E732, E732-2 | 17–35 t | 1 000 | 16 650 € |
| 6029406 | E824/2V | LOG GRAB 780 | 1.8 | E732-2 | 25–35 t | 1 075 | 18 350 € |
| 6068171 | E94.61 | LOG GRAB 1 000 | 2 | E832-2 | 35–50 t | 1 600 | 30 000 € |
| 6032675 | E924/1H | LOG GRAB 850 | 2.5 | E832-2 | 35–50 t | 1 680 | 25 500 € |



| Type designation | Hg | Ho | d | D | S | B1 | B2 |
|---|-------|-------|-------|-------|-------|-----|-------|
| E624/2V | 2 050 | 1 280 | 200 | 1 150 | 2 450 | 660 | 780 |
| E724/2V | 2 260 | 1 300 | 300 | 1 400 | 2 980 | 690 | 800 |
| E824/2V | 2 500 | 1 370 | 400 | 1 710 | 3 470 | 660 | 780 |
| E94.61 | 2 800 | 1 600 | 500 | 1 640 | 3 515 | 865 | 1 000 |
| E924/1H | 2 137 | 1 290 | 1 270 | 2 020 | 4 530 | 730 | 850 |
| Altitude of rotation gear E732 incl. T72 = 796 mm | | | | | | | |
| Altitude of rotation gear E832 incl. T82 = 940 mm | | | | | | | |
| Operating pressure: max. 300 bar | | | | | | | |

Grapple and grab for round shafts without a grab cylinder

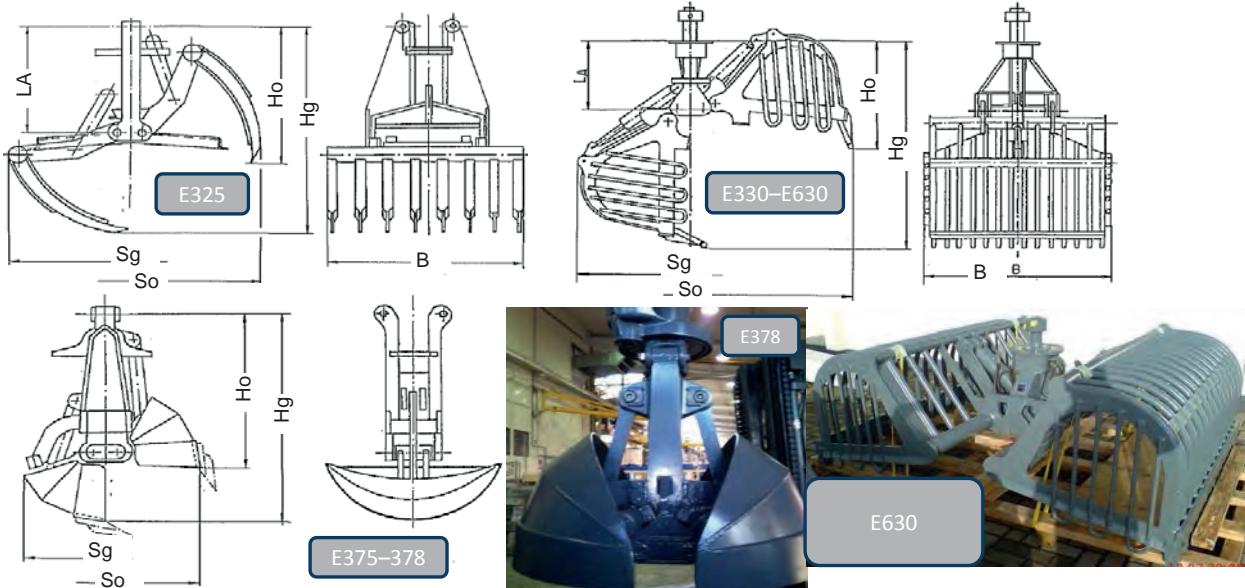
Grab rotation gear E32 is required

| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|---------------------------|--|--------|-------------------------------------|-------------|---------------------|
| 1542949 | E325 | Grapple 1 250 | 650 | with an ejector 16 weld-on teeth | 12-23 t | 650 9 450 € |
| 0720976 | E375 | Grab for round shafts Ø 900 | | with an ejector without teeth | 12-23 t | 330 7 200 € |
| 0720987 | E376 | Grab for round shafts Ø 1 000 | | with an ejector without teeth | 12-23 t | 370 8 100 € |
| 0720998 | E377 | Grab for round shafts Ø 1 100 | | with an ejector without teeth | 12-23 t | 480 9 200 € |
| 3514381 | E378 | Grab for round shafts Ø 1 200 | | with an ejector without teeth | 12-23 t | 520 10 300 € |
| 6156716 | Teeth set for E375 - E378 | Optional! (5x 0829589 3 holes) Price incl. drill of the cutting | | | Extra cost: | 1 250 € |

Beet grab with two horizontal grab cylinders

and rotary feed system, short design, grab rotation gear E 332 is required

| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---------------------------|--------|----------------------------|-------------|---------------------|
| 5433865 | E330 | 1 300 | 1 000 | without an ejector | 12-23 t | 850 upon request |
| 5433570 | E630 | 1 650 | 1 300 | without an ejector | 12-23 t | 950 upon request |
| 4685674 | LASTH. 5TO | load hook 5 t for welding | | | 5 | 230 € |



| Type designation | Hg | Ho | LA | Sg | So |
|------------------|-------|-------|-----|-------|---------|
| E325 | 1 660 | 1 020 | 800 | 1 500 | 1 410 |
| E375 | 1 225 | 970 | 840 | 840 | Ø 900 |
| E376 | 1 275 | 980 | 840 | 940 | Ø 1 000 |
| E377 | 1 285 | 950 | 800 | 1 030 | Ø 1 100 |
| E378 | 1 335 | 960 | 800 | 1 130 | Ø 1 200 |
| E330 | 1 600 | 860 | 520 | 1 550 | 2 280 |
| E630 | 1 600 | 860 | 520 | 1 550 | 2 280 |

Altitude of rotation gear E32 incl. T31 = 951 mm

Altitude of rotation gear E332 incl. T31 = 667 mm

Operating pressure: max. 300 bar



Sorting grab, swinging freely

Grab rotation gear E332 is required

| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--------|--------|----------------------------|-------------|----------------------|
| 5459901 | E337 | 1 cyl. | 1055 | 300 | Metal ribs | 13–23 t 740 13 900 € |

**Sorting grab, swinging over a dipper-tipping cylinder
for sorting and for light demolition works!**

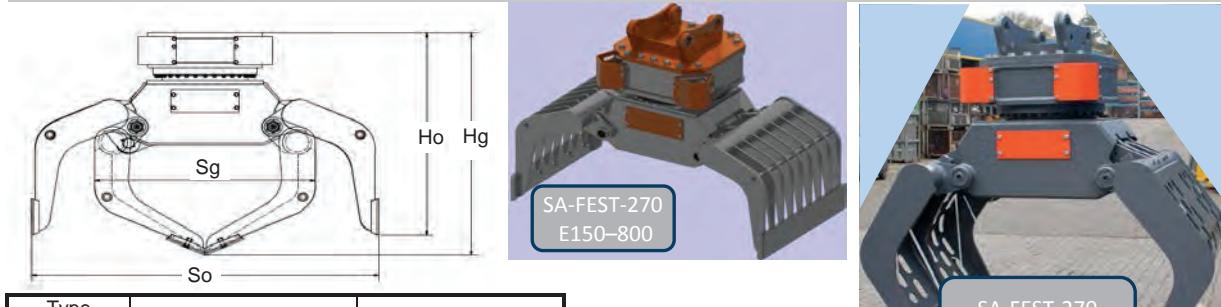
| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--------|--------|----------------------------|-------------------|------------------------|
| 6144921 | E150-800 | 1 cyl. | 800 | 300 | Metal ribs | 11–15 t 740 20 750 € |
| 6145719 | E150-800LR | 1 cyl. | 800 | 300 | Opening rear wall | 11–15 t 730 20 750 € |
| 6135271 | E200-1000 | 2 cyl. | 1 000 | 400 | Metal ribs | 13–20 t 1 090 23 750 € |
| 6145720 | E200-1000LR | 2 cyl. | 1 000 | 400 | Opening rear wall | 13–20 t 1 070 23 750 € |
| 6144890 | E270-1200 | 2 cyl. | 1 200 | 800 | Metal ribs | 20–27 t 1 600 29 950 € |
| 6145731 | E270-1200LR | 2 cyl. | 1 200 | 800 | Opening rear wall | 20–27 t 1 600 29 950 € |
| 6145765 | HP E150-270 | | | | Hydraulic package | 11 430 € |

Screw adaptor, suitable for demolition and sorting grab E150–E270

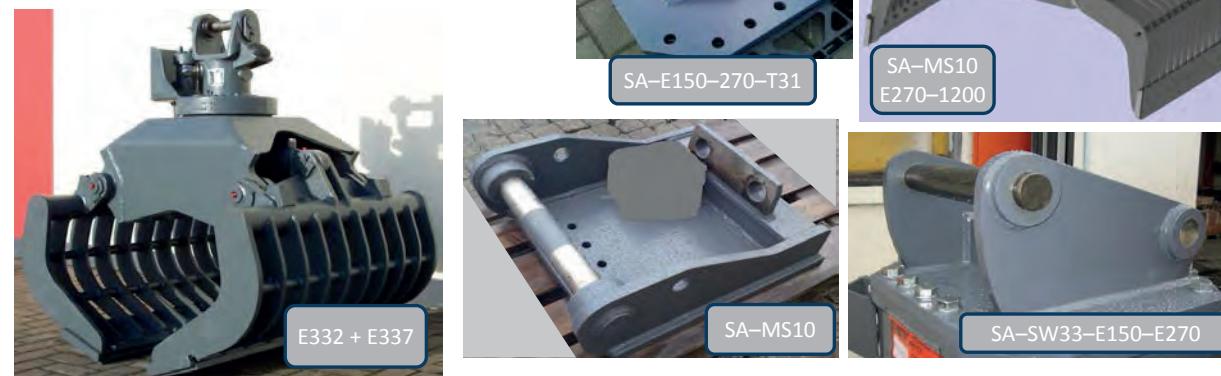
| | | | | |
|---------|------------------|--|-----|---------|
| 6144313 | SA-FEST-270 | Screw adapter for permanent installation, arm width 268, DU 60 | 115 | 1 750 € |
| 6166110 | SA-FEST-300 | Screw adapter for permanent installation, arm width 300, DU 80 | 130 | 2 750 € |
| 6125048 | SA-T620 | Screw adapter for T620V | 115 | 1 330 € |
| 6140268 | SA-T63.20 | Screw adapter for T63.20 | 190 | 2 950 € |
| 6135747 | SA-MS10 | Screw adapter for Lehnhoff MS10 | 140 | 2 450 € |
| 6135735 | SA-MS21 | Screw adapter for Lehnhoff MS21 | 180 | 2 650 € |
| 6147869 | SA-CW20-40 | Screw adapter for Verachtert CW20/40 | 164 | 3 150 € |
| 6157024 | SA-SW33-E150-270 | Screw adapter for Liebherr SW33-E150-270 | 180 | 2 800 € |
| 6164922 | SA-SW48-E150-270 | Screw adapter for Liebherr SW48-E150-270 | 200 | 3 150 € |
| 6159207 | SA-OQ65 | Screw adapter for OilQuick OQ65 | 350 | 7 950 € |
| 6168113 | SA-OQ70/55 | Screw adapter for OilQuick OQ70/55 | 390 | 8 300 € |

Screw adalter, swinging

| | | | | |
|---------|------------------|--------------------------------------|-----|---------|
| 6154187 | SA-E150-E270-T31 | SCREW ADAPTER FIXED SA-E150-E270-T31 | 100 | 1 680 € |
| 6159291 | SA-E150-E270-T72 | SCREW ADAPTER FIXED SA-E150-E270-T72 | 120 | 1 750 € |



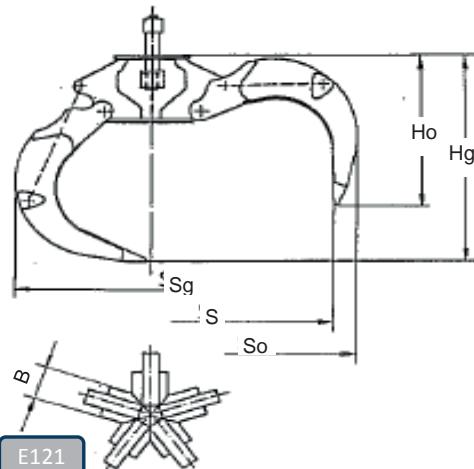
| Type designation | Hg | Ho | Sg | So |
|------------------|-------|-------|-------|-------|
| E337 | 1 040 | 824 | 1 070 | 1 770 |
| E150-800 | 1 193 | 1 060 | 1 000 | 1 583 |
| E150-800LR | 1 193 | 1 060 | 1 000 | 1 583 |
| E200-1000 | 1 366 | 1 243 | 1 155 | 1 819 |
| E200-1000LR | 1 366 | 1 243 | 1 155 | 1 819 |
| E270-1200 | 1 575 | 1 403 | 1 404 | 2 243 |
| E270-1200LR | 1 575 | 1 403 | 1 404 | 2 243 |



Multi-jaw grab with 5 grab cylinders and rotary feed system

Grab rotation gear is required

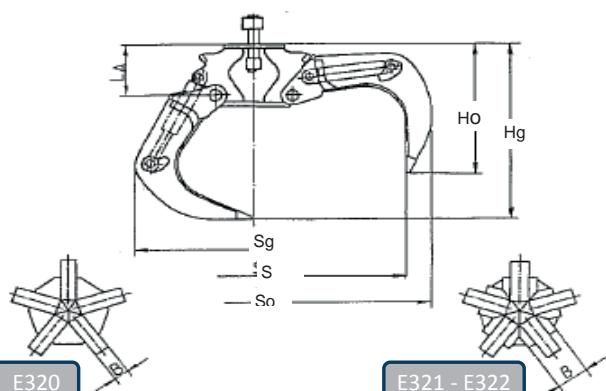
| Material no. | Type designation | Grab shells Number and shape | Litres | Suitable for grab rotation gear | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---------------------------------|--------|------------------------------------|-------------------------------|----------------|------------------------|
| 1446191 | E121 | 5 x semi-closed | 275 | E11.32 | 6–11 t | 610 | 12 700 € |
| 2511762 | E122 | 5 x completely closed | 275 | E11.32 | 6–11 t | 650 | 14 850 € |
| 4553835 | E320 | 5 x open | 350 | E732, E732-2 | 12–25 t | 995 | 17 900 € |
| 5448680 | E321 | 5 x semi-closed | 350 | E732, E732-2 | 12–25 t | 1 040 | 18 200 € |
| 6027107 | E322 | 5 x completely closed | 350 | E732, E732-2 | 12–25 t | 1 083 | 19 700 € |



E121



E11.32 + E121



E320

E321 - E322



T730 + E732 +

| Type designation | Hg | Ho | Sg | So | S | B |
|------------------|-------|-----|-------|-------|-------|-----|
| E121 | 1 035 | 750 | 1 230 | 1 850 | 1 650 | 320 |
| E122 | 1 035 | 750 | 1 230 | 1 850 | 1 650 | 575 |
| E320 | 1 170 | 905 | 1 430 | 2 050 | 1 750 | 200 |
| E321 | 1 170 | 905 | 1 430 | 2 050 | 1 750 | 350 |
| E322 | 1 170 | 905 | 1 430 | 2 050 | 1 750 | 625 |

Altitude of rotation gear E11.32 incl. T11.4 = 554 mm
Altitude of rotation gear E732 incl. T64 = 870 mm

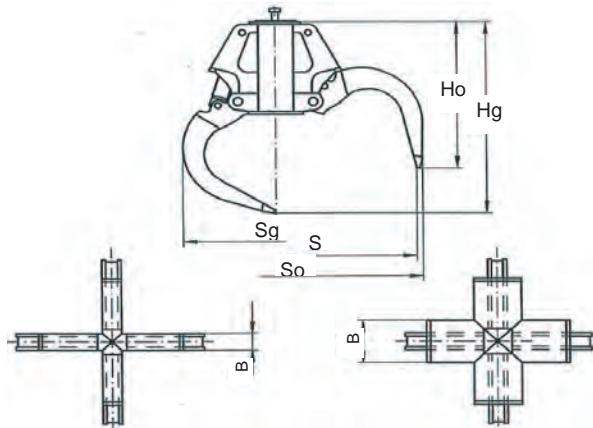
Pressure: max. 250 bar
Pressure: max. 300 bar



E322

**Multi-jaw grab with 4 grab cylinders and rotary feed system
Grab rotation gear is required**

| Material no. | Type designation | Grab shells Number and shape | Litres | Suitable for grab rotation gear | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--|--------|------------------------------------|-------------------------------|----------------|------------------------|
| 6147728 | E640-4 | 4 x open | 400 | E732, E732-2 | 17–35 t | 950 | 16 900 € |
| 6147894 | E641-4 | 4 x semi-closed | 400 | E732, E732-2 | 17–35 t | 1 075 | 17 850 € |
| 6159978 | E642-4 | 4 x completely closed | 400 | E732, E732-2 | 17–35 t | 1 125 | 19 500 € |
| 6147895 | E650-4 | 4 x open | 500 | E732, E732-2 | 17–35 t | 1 000 | 17 100 € |
| 5403085 | E651-4 | 4 x semi-closed | 500 | E732, E732-2 | 17–35 t | 1 125 | 17 950 € |
| 6121831 | E651-4-700-HS | 4 shells: 700 mm (width Tine tips of HARDOX 500 | 500 | E732, E732-2 | 17–35 t | 1 275 | 18 550 € |
| 6147896 | E750-4 | 4 x open | 600 | E732, E732-2 | 17–35 t | 1 070 | 17 350 € |
| 6103759 | E751-4 | 4 x semi-closed | 600 | E732, E732-2 | 17–35 t | 1 185 | 18 400 € |
| 6166304 | E752-4 | 4 x completely closed | 600 | E732, E732-2 | 17–35 t | 1 330 | 22 300 € |
| 6147922 | E760-4 | 4 x open | 700 | E732, E732-2 | 17–35 t | 1 130 | 18 100 € |
| 6147923 | E761-4 | 4 x semi-closed | 700 | E732, E732-2 | 17–35 t | 1 150 | 18 950 € |
| 6149607 | E770-4 | 4 x open | 800 | E732, E732-2 | 17–35 t | 1 160 | 18 550 € |
| 6149609 | E771-4 | 4 x semi-closed | 800 | E732, E732-2 | 17–35 t | 1 230 | 19 450 € |
| 6161936 | E772-4 | 4 x completely closed | 800 | E732, E732-2 | 17–35 t | 1 380 | 23 000 € |
| 6147934 | E780-4 | 4 x open | 900 | E732, E732-2 | 20–35 t | 1 195 | 18 950 € |
| 6147935 | E781-4 | 4 x semi-closed | 900 | E732, E732-2 | 20–35 t | 1 310 | 19 900 € |
| 6105402 | E790-4 | 4 x open | 1 000 | E732, E732-2 | 20–35 t | 1 150 | 19 300 € |
| 6120825 | E791-4 | 4 x semi-closed | 1 000 | E732, E732-2 | 20–35 t | 1 235 | 20 250 € |



| Type designation | Hg | Ho | Sg | So | S | B |
|------------------|-------|-------|-------|-------|-------|-------|
| E640-4 | 1 620 | 1 293 | 1 345 | 2 130 | 1 346 | 175 |
| E641-4 | 1 620 | 1 293 | 1 345 | 2 130 | 1 935 | 450 |
| E642-4 | 1 620 | 1 293 | 1 345 | 2 130 | 1 935 | 985 |
| E650-4 | 1 700 | 1 325 | 1 400 | 2 280 | 2 080 | 175 |
| E651-4 | 1 700 | 1 325 | 1 400 | 2 280 | 2 080 | 450 |
| E651-4-700-HS | 1 700 | 1 325 | 1 400 | 2 280 | 2 080 | 700 |
| E750-4 | 1 750 | 1 345 | 1 450 | 2 385 | 2 175 | 175 |
| E751-4 | 1 750 | 1 345 | 1 450 | 2 380 | 2 175 | 450 |
| E752-4 | 1 750 | 1 345 | 1 450 | 2 380 | 2 175 | 1 080 |
| E760-4 | 1 780 | 1 352 | 1 480 | 2 420 | 2 230 | 175 |
| E761-4 | 1 780 | 1 352 | 1 480 | 2 420 | 2 230 | 450 |
| E770-4 | 1 850 | 1 395 | 1 550 | 2 520 | 2 340 | 175 |
| E771-4 | 1 850 | 1 395 | 1 550 | 2 520 | 2 340 | 450 |
| E772-4 | 1 850 | 1 395 | 1 550 | 2 520 | 2 340 | 1 245 |
| E780-4 | 1 910 | 1 435 | 1 620 | 2 640 | 2 440 | 175 |
| E781-4 | 1 910 | 1 435 | 1 620 | 2 640 | 2 440 | 450 |
| E790-4 | 1 950 | 1 416 | 1 640 | 2 740 | 2 550 | 175 |
| E791-4 | 1 950 | 1 416 | 1 640 | 2 740 | 2 550 | 450 |

Altitude of rotation gear E732 incl. T72 = 800 mm

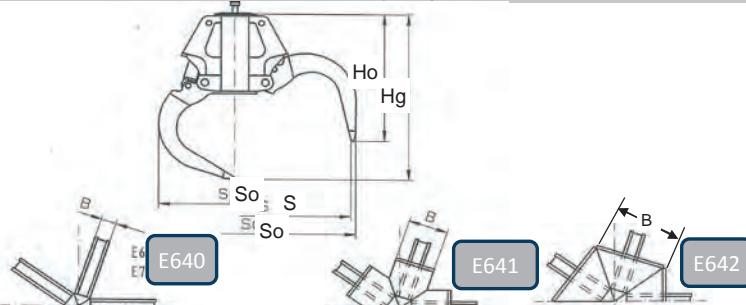
Pressure: max. 300 bar



Multi-jaw grab with 5 grab cylinders and rotary feed system

Grab rotation gear is required

| Material no. | Type designation | Grab shells Number and shape | Litres | Suitable for grab rotation gear | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---------------------------------|--------|------------------------------------|-------------------------------|----------------|------------------------|
| 6147727 | E640 | 5 x open | 400 | E732, E732-2 | 17-35 t | 1 150 | 20 300 € |
| 6146940 | E641 | 5 x semi-closed | 400 | E732, E732-2 | 17-35 t | 1 265 | 21 500 € |
| 6147729 | E642 | 5 x completely closed | 400 | E732, E732-2 | 17-35 t | 1 280 | 23 300 € |
| 4538154 | E650 | 5 x open | 500 | E732, E732-2 | 17-35 t | 1 200 | 20 500 € |
| 4532318 | E651 | 5 x semi-closed | 500 | E732, E732-2 | 17-35 t | 1 350 | 21 650 € |
| 6101236 | E652 | 5 x completely closed | 500 | E732, E732-2 | 17-35 t | 1 360 | 23 550 € |
| 4533853 | E750 | 5 x open | 600 | E732, E732-2 | 17-35 t | 1 270 | 20 850 € |
| 4533842 | E751 | 5 x semi-closed | 600 | E732, E732-2 | 17-35 t | 1 360 | 22 100 € |
| 3550976 | E752 | 5 x completely closed | 600 | E732, E732-2 | 17-35 t | 1 400 | 24 100 € |
| 6147897 | E760 | 5 x open | 700 | E732, E732-2 | 17-35 t | 1 240 | 21 350 € |
| 3572369 | E761 | 5 x semi-closed | 700 | E732, E732-2 | 17-35 t | 1 380 | 22 550 € |
| 6147928 | E762 | 5 x completely closed | 700 | E732, E732-2 | 17-35 t | 1 520 | 24 300 € |
| 6149608 | E770 | 5 x open | 800 | E732, E732-2 | 17-35 t | 1 280 | 21 800 € |
| 6149610 | E771 | 5 x semi-closed | 800 | E732, E732-2 | 17-35 t | 1 430 | 23 000 € |
| 6149631 | E772 | 5 x completely closed | 800 | E732, E732-2 | 17-35 t | 1 560 | 24 850 € |
| 6147898 | E780 | 5 x open | 900 | E732, E732-2 | 20-35 t | 1 320 | 22 250 € |
| 6147899 | E781 | 5 x semi-closed | 900 | E732, E732-2 | 20-35 t | 1 480 | 23 450 € |
| 6147931 | E782 | 5 x completely closed | 900 | E732, E732-2 | 20-35 t | 1 600 | 25 400 € |
| 6147900 | E790 | 5 x open | 1 000 | E732, E732-2 | 20-35 t | 1 350 | 22 700 € |
| 4558307 | E791 | 5 x semi-closed | 1 000 | E732, E732-2 | 20-35 t | 1 400 | 23 900 € |
| 6147929 | E792 | 5 x completely closed | 1 000 | E732, E732-2 | 20-35 t | 1 760 | 25 650 € |



| Type designation | Hg | Ho | Sg | So | S | B |
|------------------|-------|-------|-------|-------|-------|-----|
| E640 | 1 620 | 1 293 | 1 345 | 2 130 | 1 935 | 175 |
| E641 | 1 620 | 1 293 | 1 345 | 2 130 | 1 935 | 450 |
| E642 | 1 620 | 1 293 | 1 345 | 2 130 | 1 935 | 760 |
| E650 | 1 700 | 1 325 | 1 400 | 2 280 | 2 080 | 175 |
| E651 | 1 700 | 1 325 | 1 400 | 2 280 | 2 080 | 450 |
| E652 | 1 700 | 1 325 | 1 400 | 2 280 | 2 080 | 780 |
| E750 | 1 750 | 1 345 | 1 450 | 2 385 | 2 175 | 175 |
| E751 | 1 750 | 1 345 | 1 450 | 2 385 | 2 175 | 450 |
| E752 | 1 750 | 1 345 | 1 450 | 2 385 | 2 175 | 800 |
| E760 | 1 780 | 1 352 | 1 480 | 2 420 | 2 230 | 175 |
| E761 | 1 780 | 1 352 | 1 480 | 2 420 | 2 230 | 450 |
| E762 | 1 780 | 1 352 | 1 480 | 2 420 | 2 230 | 820 |
| E770 | 1 850 | 1 395 | 1 550 | 2 520 | 2 340 | 175 |
| E771 | 1 850 | 1 395 | 1 550 | 2 520 | 2 340 | 450 |
| E772 | 1 850 | 1 395 | 1 550 | 2 520 | 2 340 | 835 |
| E780 | 1 910 | 1 435 | 1 620 | 2 640 | 2 440 | 175 |
| E781 | 1 910 | 1 435 | 1 620 | 2 640 | 2 440 | 450 |
| E782 | 1 910 | 1 435 | 1 620 | 2 640 | 2 440 | 850 |
| E790 | 1 950 | 1 416 | 1 640 | 2 740 | 2 550 | 175 |
| E791 | 1 950 | 1 416 | 1 640 | 2 740 | 2 550 | 450 |
| E792 | 1 950 | 1 416 | 1 640 | 2 740 | 2 550 | 880 |

Altitude of rotation gear E732 incl. T72 = 800 mm

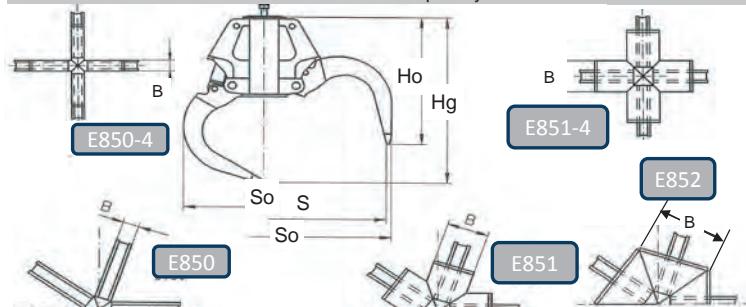
Pressure: max. 300 bar



Multi-jaw grab with 4 / 5 grab cylinders and rotary feed system

Grab rotation gear is required

| Material no. | Type designation | Grab shells Number and shape | Litres | Suitable for grab rotation gear | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---------------------------------|--------|------------------------------------|-------------------------------|----------------|------------------------|
| 4543822 | E850-4 | 4 x open | 700 | E832-2 | 25–50 t | 1 100 | 20 650 € |
| 4537380 | E850 | 5 x open | 700 | E832-2 | 25–50 t | 1 360 | 22 850 € |
| 6077566 | E851-4 | 4 x semi-closed | 700 | E832-2 | 25–50 t | 1 260 | 21 750 € |
| 4537448 | E851 | 5 x semi-closed | 700 | E832-2 | 25–50 t | 1 540 | 23 950 € |
| 6059333 | E852 | 5 x completely closed | 700 | E832-2 | 25–50 t | 1 650 | 25 950 € |
| 6147924 | E860-4 | 4 x open | 900 | E832-2 | 25–50 t | 1 150 | 21 950 € |
| 4538778 | E860 | 5 x open | 900 | E832-2 | 25–50 t | 1 420 | 23 950 € |
| 4564372 | E861-4 | 4 x semi-closed | 900 | E832-2 | 25–50 t | 1 340 | 23 000 € |
| 4534514 | E861 | 5 x semi-closed | 900 | E832-2 | 25–50 t | 1 640 | 25 350 € |
| 6031873 | E862 | 5 x completely closed | 900 | E832-2 | 25–50 t | 1 730 | 27 750 € |
| 6147925 | E94.50-4 | 4 x open | 1 100 | E832-2 | 25–50 t | 1 280 | 22 400 € |
| 6023071 | E94.50 | 5 x open | 1 100 | E832-2 | 25–50 t | 1 445 | 25 000 € |
| 6077568 | E94.51-4 | 4 x semi-closed | 1 100 | E832-2 | 25–50 t | 1 400 | 23 300 € |
| 6022873 | E94.51 | 5 x semi-closed | 1 100 | E832-2 | 25–50 t | 1 678 | 26 500 € |
| 6031869 | E94.52 | 5 x completely closed | 1 100 | E832-2 | 25–50 t | 1 821 | 28 500 € |
| 6147926 | E94.70-4 | 4 x open | 1 400 | E832-2 | 25–50 t | 1 650 | 23 900 € |
| 6147921 | E94.70 | 5 x open | 1 400 | E832-2 | 25–50 t | 1 730 | 26 000 € |
| 6147927 | E94.71-4 | 4 x semi-closed | 1 400 | E832-2 | 25–50 t | 1 700 | 25 000 € |
| 6043015 | E94.71 | 5 x semi-closed | 1 400 | E832-2 | 25–50 t | 1 730 | 27 500 € |
| 6147930 | E94.72 | 5 x completely closed | 1 400 | E832-2 | 25–50 t | 2 100 | 29 750 € |



| Type designation | Hg | Ho | Sg | So | S | B |
|------------------|-------|-------|-------|-------|-------|------|
| E850-4 | 1 820 | 1 430 | 1 520 | 2 460 | 2 260 | 175 |
| E850 | 1 820 | 1 430 | 1 520 | 2 460 | 2 260 | 175 |
| E851-4 | 1 820 | 1 430 | 1 520 | 2 460 | 2 500 | 450 |
| E851 | 1 820 | 1 430 | 1 520 | 2 460 | 2 260 | 450 |
| E852 | 1 820 | 1 430 | 1 520 | 2 460 | 2 260 | 840 |
| E860-4 | 1 950 | 1 475 | 1 650 | 2 700 | 2 500 | 175 |
| E860 | 1 950 | 1 475 | 1 650 | 2 700 | 2 500 | 175 |
| E861-4 | 1 950 | 1 475 | 1 650 | 2 700 | 2 690 | 450 |
| E861 | 1 950 | 1 475 | 1 650 | 2 700 | 2 500 | 450 |
| E862 | 1 950 | 1 475 | 1 650 | 2 700 | 2 500 | 900 |
| E94.50-4 | 2 050 | 1 515 | 1 734 | 2 890 | 2 260 | 175 |
| E94.50 | 2 050 | 1 515 | 1 734 | 2 890 | 2 690 | 175 |
| E94.51-4 | 2 050 | 1 515 | 1 734 | 2 890 | 2 690 | 450 |
| E94.51 | 2 050 | 1 515 | 1 734 | 2 890 | 2 690 | 450 |
| E94.52 | 2 050 | 1 515 | 1 734 | 2 890 | 2 690 | 960 |
| E94.70-4 | 2 150 | 1 551 | 1 872 | 3 102 | 2 872 | 175 |
| E94.70 | 2 150 | 1 551 | 1 872 | 3 102 | 2 872 | 175 |
| E94.71-4 | 2 150 | 1 551 | 1 872 | 3 102 | 2 872 | 450 |
| E94.71 | 2 150 | 1 551 | 1 872 | 3 102 | 2 872 | 450 |
| E94.72 | 2 150 | 1 551 | 1 872 | 3 102 | 2 872 | 1050 |

Altitude of rotation gear E832-2 incl. T82 = 940 mm

Pressure: max. 300 bar



E832-2 + E852 + HP

Connecting part for hydraulic hammer

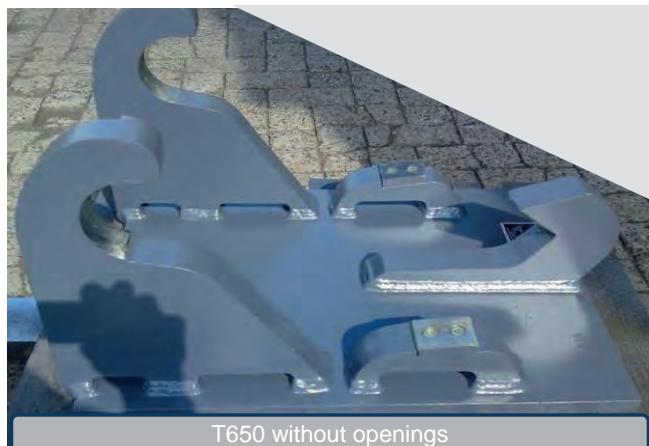
| Material no. | Type designation | Suitable for SWE (quick change) | Hammer types | Weight (kg) | List price plus VAT |
|--------------|-----------------------|--|---|----------------|------------------------|
| 4584309 | T11.50 | T11.20 without screws | HM110, HM135-HM350V | 40 | 1 020 € |
| 3548143 | T650 | T620V , T620H with screws and nuts 16 x M20x85 | KRUPP HM110-HM600 MONTABERT BRH250-900, 500, 700, 1 000 640x485x25 base plate | 125 | 1 180 € |
| 5411734 | T650 without openings | T620V , T620H | for all purposes without openings 640x485x25 base plate | 125 | 1 180 € |
| 4558443 | T63.50 | T63.20, T63.20H without screws | KRUPP HM350, 500, 550, 560, 580, 600, KRUPP HM700, 711, 712, 720, 800, 951, 952, 960, 1000 MONTABERT BRH501, 620, 625, 750, 900 | 200 | 2 360 € |
| 4543708 | T750/2 | T722, T722 H without screws | KRUPP HM350, 500, 550, 560, 580, 600, KRUPP HM700, 711, 712, 720, 800, 951, 952, 960, 1000 MONTABERT BRH501, 620, 625, 750, 900 | 214 | 2 750 € |

Connecting plate for welding on the rear side of the dipper

| Material no. | Type designation | Suitable for SWE (quick change device) | Weight (kg) | List price plus VAT |
|--------------|------------------|---|----------------|------------------------|
| 4504256 | T11.55 | T11.20 | 40 | 1 100 € |
| 4542252 | T652 | T620V and T620H for ATLAS bucket with a cross-tube Ø 178 | 66 | 1 120 € |
| 3548121 | T655 | T620V and T620H | 81 | 1 280 € |
| 6014424 | T63.55 | T63.20, T63.20H | 215 | 2 500 € |
| 4543731 | T755/2 | T722, T722 H | 230 | 3 250 € |

Adapters for rock buckets and trench diggers

| Material no. | Type designation | Suitable for | a dipper for permanent installation | Weight (kg) | List price plus VAT |
|--------------|------------------|-----------------|-------------------------------------|----------------|------------------------|
| | | Bolts, Ø | Arm width in mm | | |
| 3550249 | T658 | T620V | 60 | 268 | 130 1 640 € |
| 6027091 | T63.58 | T63.20, T63.20H | 80 | 300 | 250 3 400 € |



Product line of dippers and buckets

The product line of dippers and buckets of ATLAS offers different forms of buckets, capacities and widths for any kind of application, optimally adapted to the relevant carrier:

- Bucket
- Rock bucket
- Trench lining bucket
- Dipper for loamy soil
- Heavy duty fork
- Drainage bucket
- Trench digger
- Multi-purpose dipper

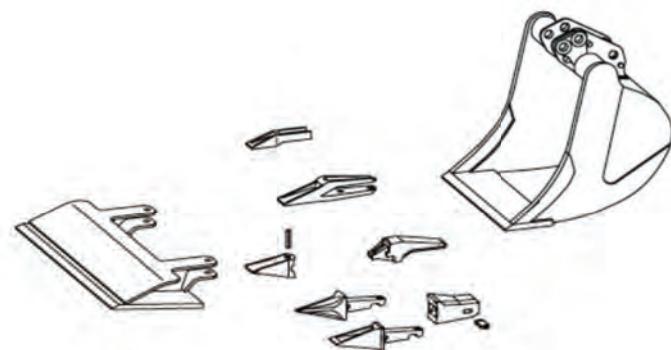
In accordance with the relevant dimensions of the articulated jib ends, the product line of buckets and dippers is divided as follows:

- Dipper attachments for articulated jib end 168 mm (closed) / Ø 50 mm
- Dipper attachments for articulated jib end 268 mm (closed) / Ø 60 mm

ATLAS buckets and dippers meet the requirements of the civil engineering:

- The grade of the steel and the special design guarantee stability and wear resistance.
- All parts particularly subject to wear as floor and side blades as well as the floor panel are made of high-strength surface-coated fine-grain structural steel.
- Easy penetration is provided by the free punch due to the slightly conical shape of the dipper. Teeth holders feature flat design and are incorporated in the blade.
- Flat design provides less digging resistance and high efficiency, for example when unloading, i.e. more work cycles.

For the different types of soil we provide teeth of different shapes:



Attachments for dippers

The buckets and dippers are suitable for all kinds of typical application, incl. when high tearing forces are required as for rock breaking off and other demolition works. Teeth are internally welded on and with replaceable tine tips.

Bucket for ATLAS 1004, teeth are internally welded on and with replaceable ATLAS Z2 tine tips

| Material no. | Type designation | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|-----------------|--------|---|----------------------------|-------------|---------------------|
| 4569311 | F03.12 | 500 | 3 | 230 | 168/50 | 6–11 t | 185 | 1 890 € |
| 4569322 | F03.12SW | 500 | 3 | 230 | T11.20 | 6–11 t | 200 | 2 300 € |
| 4569333 | F03.13 | 600 | 4 | 300 | 168/50 | 6–11 t | 210 | 2 020 € |
| 4569344 | F03.13SW | 600 | 4 | 300 | T11.20 | 6–11 t | 230 | 2 460 € |
| 4575400 | F03.15 | 850 | 5 | 460 | 168/50 | 6–11 t | 260 | 2 390 € |
| 4569366 | F03.15SW | 850 | 5 | 460 | T11.20 | 6–11 t | 280 | 2 800 € |

Bucket for ATLAS 1104 and 1204, teeth are internally welded on and with replaceable ATLAS Z2 tine tips

| Material no. | Type designation | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--------------------------------|-----------------|--------|---|----------------------------|-------------|---------------------|
| 4569377 | F13.12 | 500 | 3 | 230 | 268/60 | 9–13 t | 210 | 1 920 € |
| 4569388 | F13.12SW | 500 | 3 | 230 | T620V/T620H | 9–13 t | 250 | 2 490 € |
| 4569399 | F13.13 | 600 | 4 | 300 | 268/60 | 9–13 t | 245 | 2 170 € |
| 4569402 | F13.13 SW | 600 | 4 | 300 | T620V/T620H | 9–13 t | 270 | 2 700 € |
| 4569413 | F13.14 | 700 | 4 | 360 | 268/60 | 9–13 t | 265 | 2 230 € |
| 4569424 | F13.14SW | 700 | 4 | 360 | T620V/T620H | 9–13 t | 300 | 2 850 € |
| 4577457 | F13.15 | 850 | 5 | 460 | 268/60 | 9–13 t | 300 | 2 570 € |
| 4574523 | F13.15 SW | 850 | 5 | 460 | T620V/T620H | 9–13 t | 330 | 3 000 € |
| 4569435 | F13.16 | 1 000 | 5 | 560 | 268/60 | 9–13 t | 330 | 2 640 € |
| 4569446 | F13.16 SW | 1 000 | 5 | 560 | T620V/T620H | 9–13 t | 365 | 3 160 € |
| 3130934 | LHANBSATZ 5TO.TL | Load hook 5 t for retrofitting | | | | | 7 | 362 € |



F13.13

No additional costs for special colors!


 F13.16SW-1150 mm
6149218

Special widths with additional costs!

Bucket: standard design with ATLAS B1 tooth system or a non-serrated blade

| Material no. | Type designation = non-serrated blade | GL.S. | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|--|-------|-------|-----------------|--------------------------------|--|-------------------------------|----------------|------------------------|
| 3174049 | F412 | | 500 | 3 | 330 | 268/60 | 12-17 t | 320 | 2 790 € |
| 6150189 | F412 GL.S. | | 500 | | 330 | 268/60 | 12-17 t | 300 | 2 580 € |
| 3179204 | F412 SW | | 500 | 3 | 330 | T620V/T620H | 12-17 t | 320 | 3 280 € |
| 6017022 | F412 SW GL.S. | | 500 | | 330 | T620V/T620H | 12-17 t | 300 | 3 070 € |
| 4107813 | AZS F412 | | 540 | | | Scraper blade above the tine tips | | 35 | 840 € |
| 3174061 | F413 | | 600 | 3 | 420 | 268/60 | 12-17 t | 340 | 2 890 € |
| 3515177 | F413 GL.S. | | 600 | | 420 | 268/60 | 12-17 t | 320 | 2 680 € |
| 3179259 | F413 SW | | 600 | 3 | 420 | T620V/T620H | 12-17 t | 370 | 3 330 € |
| 6149821 | F413 SW GL.S. | | 600 | | 420 | T620V/T620H | 12-17 t | 350 | 3 120 € |
| 3532214 | AZS F413 | | 640 | | | Scraper blade above the tine tips | | 50 | 900 € |
| 3171422 | F415 | | 850 | 4 | 670 | 268/60 | 12-17 t | 430 | 3 410 € |
| 3519013 | F415 GL.S. | | 850 | | 670 | 268/60 | 12-17 t | 390 | 3 130 € |
| 3175175 | F415 SW | | 850 | 4 | 670 | T620V/T620H | 12-17 t | 450 | 3 820 € |
| 3552876 | F415SW GL.S. | | 850 | | 670 | T620V/T620H | 12-17 t | 415 | 3 540 € |
| 3532236 | AZS F415 | | 890 | | | Scraper blade above the tine tips | | 63 | 1 050 € |
| 3174129 | F416 | | 1 000 | 5 | 820 | 268/60 | 12-17 t | 480 | 3 750 € |
| 3518589 | F416 GL.S. | | 1 000 | | 820 | 268/60 | 12-17 t | 450 | 3 400 € |
| 3186236 | F416 SW | | 1 000 | 5 | 820 | T620V/T620H | 12-17 t | 500 | 4 080 € |
| 3513277 | F416 SW GL.S. | | 1 000 | | 820 | T620V/T620H | 12-17 t | 470 | 3 730 € |
| 4100576 | AZS F416 | | 1 040 | | | Scraper blade above the tine tips | | 70 | 1 150 € |
| 3174141 | F417 | | 1 100 | 5 | 920 | 268/60 | 12-17 t | 510 | 3 910 € |
| 3081752 | F417 GL.S. | | 1 100 | | 920 | 268/60 | 12-17 t | 450 | 3 560 € |
| 3186156 | F417 SW | | 1 100 | 5 | 920 | T620V/T620H | 12-17 t | 550 | 4 360 € |
| 3561800 | F417 SW GL.S. | | 1 100 | | 920 | T620V/T620H | 12-17 t | 500 | 4 010 € |
| 4100996 | AZS F417 | | 1 140 | | | Scraper blade above the tine tips | | 80 | 1 220 € |
| 6124924 | F417SW-SR | | 1 100 | 5 | 920 | T620V/T620H | 12-17 t | 610 | 8 150 € |
| 3174163 | F418 | | 1 300 | 6 | 1 120 | 268/60 | 12-17 t | 550 | 4 360 € |
| 3512425 | F418 GL.S. | | 1 300 | | 1 120 | 268/60 | 12-17 t | 530 | 3 940 € |
| 3186178 | F418 SW | | 1 300 | 6 | 1 120 | T620V/T620H | 12-17 t | 600 | 4 740 € |
| 3503957 | F418 SW GL.S. | | 1 300 | | 1 120 | T620V/T620H | 12-17 t | 550 | 4 320 € |
| 4107835 | AZS F418 | | 1 340 | | | Scraper blade above the tine tips | | 90 | 1 300 € |
| 3130934 | LHANBSATZ 5TO.TLS | | | | Load hook 5 t for retrofitting | | | 7 | 362 € |

Additional prices for the above listed buckets en dippers - from other manufacturers suitable for quick change connectors - see page 33



Quick change connectors from other manufacturers suitable for backhoe bucket

Additional price for ATLAS F412SW to F648SW suitable for T620V / T620H

| Deliverable for manufacturer | Type designation | for bucket size | List price plus VAT |
|------------------------------|------------------|-----------------|---------------------|
| Lehnhoff | MS10 | F412-F648 | 640 € |
| Lehnhoff | MS21/25 | F412-F648 | 850 € |
| Verachtert | CW20-40 | F415-F648 | 560 € |
| SMP | SMP 2 STD | F413-F648 | 1 060 € |
| SMP | SMP 2 Euro | F413-F648 | 1 090 € |
| Liebherr | SW33 | F412-F648 | 1 440 € |
| Liebherr | SW33 LIKU | F412-F648 | 2 230 € |
| Liebherr | SW48 | F414-F648 | 1 540 € |
| Liebherr | SW48 LIKU | F414-F648 | 2 310 € |
| Oil Quick | OQ65 | F414-F648 | 850 € |
| Oil Quick | OQ70 | F414-F648 | 1 050 € |
| Oil Quick | OQ70/55 | F415-F648 | 1 120 € |

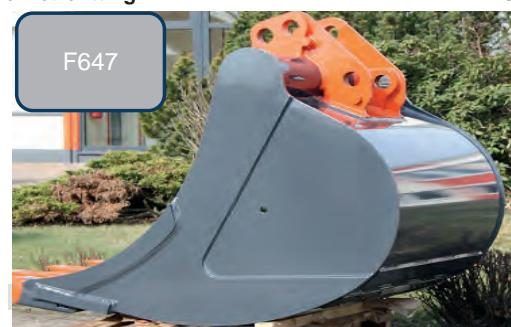


Rock bucket – HD-design with wear plates and ATLAS B2 tooth system

| Material no. | Type designation | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|-----------------|--------|---|----------------------------|-------------|---------------------|
| 3174083 | F643 | 600 | 3 | 420 | 268/60 | 15–20 t | 400 | 3 950 € |
| 3186190 | F643SW | 600 | 3 | 420 | T620V/T620H | 15–20 t | 440 | 4 450 € |
| 3172003 | F645 | 850 | 4 | 670 | 268/60 | 15–20 t | 500 | 4 520 € |
| 3186214 | F645SW | 850 | 4 | 670 | T620V/T620H | 15–20 t | 540 | 4 950 € |
| 3174185 | F647 | 1 100 | 5 | 920 | 268/60 | 15–20 t | 620 | 5 050 € |
| 3186134 | F647 SW | 1 100 | 5 | 920 | T620V/T620H | 15–20 t | 660 | 5 350 € |
| 3174209 | F648 | 1 300 | 5 | 1 120 | 268/60 | 15–20 t | 660 | 5 500 € |
| 3186112 | F648SW | 1 300 | 5 | 1 120 | T620V/T620H | 15–20 t | 700 | 5 700 € |

Additional prices for the above listed buckets en dippers - from other manufacturers suitable for quick change connectors - see page 33

| | | | | | | | | |
|---------|--------------------|--------------------------------|---|-------|----------------|---------|-----|---------|
| 4569457 | F63.23 | 600 | 3 | 430 | 300/80 | 17–25 t | 480 | 4 390 € |
| 4569468 | F63.23SW | 600 | 3 | 430 | T63.20/T63.20H | 17–25 t | 530 | 5 150 € |
| 4569479 | F63.24 | 700 | 4 | 530 | 300/80 | 17–25 t | 535 | 4 570 € |
| 4569480 | F63.24 SW | 700 | 4 | 530 | T63.20/T63.20H | 17–25 t | 590 | 5 300 € |
| 4569491 | F63.25 | 850 | 4 | 670 | 300/80 | 17–25 t | 590 | 4 730 € |
| 4569004 | F63.25 SW | 850 | 4 | 670 | T63.20/T63.20H | 17–25 t | 645 | 5 550 € |
| 4569060 | F63.15 | 850 | 4 | 750 | 300/80 | 17–25 t | 640 | 4 820 € |
| 4569071 | F63.15 SW | 850 | 4 | 750 | T63.20/T63.20H | 17–25 t | 670 | 5 650 € |
| 4569015 | F63.26 | 1 000 | 4 | 830 | 300/80 | 17–25 t | 635 | 5 150 € |
| 4569026 | F63.26 SW | 1 000 | 4 | 830 | T63.20/T63.20H | 17–25 t | 690 | 5 900 € |
| 4574421 | F63.27 | 1 100 | 5 | 930 | 300/80 | 17–25 t | 680 | 5 550 € |
| 4569037 | F63.27 SW | 1 100 | 5 | 930 | T63.20/T63.20H | 17–25 t | 740 | 6 350 € |
| 4574432 | F63.28 | 1 300 | 5 | 1 140 | 300/80 | 17–25 t | 780 | 6 000 € |
| 4569048 | F63.28 SW | 1 300 | 5 | 1 140 | T63.20/T63.20H | 17–25 t | 815 | 6 700 € |
| 4573522 | F63.29 | 1 500 | 6 | 1 340 | 300/80 | 17–25 t | 840 | 6 250 € |
| 4569059 | F63.29 SW | 1 500 | 6 | 1 340 | T63.20/T63.20H | 17–25 t | 895 | 7 100 € |
| 3130934 | LHANBSATZ 5TO.TL.S | Load hook 5 t for retrofitting | | | | | 7 | 362 € |



Rock bucket - HD-design with wear plates and ATLAS B3 tooth system

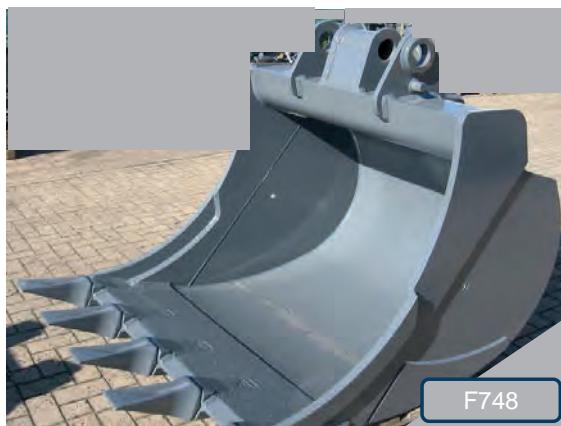
| Material no. | Type designation | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|--------------------|--------------------------------|-----------------|--------|---|----------------------------|-------------|---------------------|
| 3177768 | F748 | 1 300 | 5 | 1 260 | forked/80 | 22–28 t | 930 | upon request |
| 3564143 | F748 SW | 1 300 | 5 | 1 260 | T722/T722H | 22–28 t | 980 | upon request |
| 3177848 | F718 | 1 500 | 5 | 1 500 | forked/80 | 22–28 t | 1 005 | upon request |
| 3564110 | F718 SW | 1 500 | 5 | 1 500 | T722/T722H | 22–28 t | 1 070 | upon request |
| 3130934 | LHANBSATZ 5TO.TL.S | Load hook 5 t for retrofitting | | | | | 7 | 362 € |

Rock bucket - HD-design with wear plates and ATLAS B4 tooth system and load hook 12.5 t. outside SW (quick coupler) dipper

| Material no. | Type designation | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|-----------------|--------|---|----------------------------|-------------|---------------------|
| 3183415 | F847 | 1 000 | 3 | 910 | forked/80 | 28–35 t | 800 | upon request |
| 3564325 | F847 SW | 1 000 | 3 | 910 | T722/T722H | 28–35 t | 850 | upon request |
| 3183528 | F849 | 1 500 | 5 | 1 500 | forked/80 | 28–35 t | 1 140 | upon request |
| 3564267 | F849 SW | 1 500 | 5 | 1 500 | T722/T722H | 28–35 t | 1 200 | upon request |

Rock bucket – HD-design with wear plates suitable for 210–260LC with CAT tooth system

| Material no. | Type designation | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|--------------------|--------------------------------|-----------------|--------|---|----------------------------|-------------|---------------------|
| 6149301 | F75.15 | 850 | 4x 1U3352 | 680 | 311/80 | 22–28 t | 750 | 5 300 € |
| 6083115 | F75.15MS21 | 850 | 4x 1U3352 | 680 | Lehnhoff MS21 | 22–28 t | 680 | 5 300 € |
| 6149303 | F75.17 | 1 100 | 5x 1U3352 | 940 | 311/80 | 22–28 t | 800 | 5 850 € |
| 6083119 | F75.17MS21 | 1 100 | 5x 1U3352 | 940 | Lehnhoff MS21 | 22–28 t | 730 | 5 850 € |
| 6149305 | F75.18 | 1 300 | 5x 1U3352 | 1 160 | 311/80 | 22–28 t | 850 | 6 200 € |
| 6083132 | F75.18MS21 | 1 300 | 5x 1U3352 | 1 160 | Lehnhoff MS21 | 22–28 t | 780 | 6 200 € |
| 6149306 | F75.09 | 1 500 | 6x 1U3352 | 1 370 | 311/80 | 22–28 t | 1 040 | 7 050 € |
| 6091486 | F75.09MS21 | 1 500 | 6x 1U3352 | 1 370 | Lehnhoff MS21 | 22–28 t | 970 | 7 050 € |
| 6101086 | F75.29 | 1 600 | 6x 1U4452 | 1 650 | 311/80 | 22–28 t | 1 420 | 9 600 € |
| 6123181 | F75.29MS21 | 1 600 | 6x 1U4452 | 1 650 | Lehnhoff MS21 | 22–28 t | 1 350 | 9 600 € |
| 3130934 | LHANBSATZ 5TO.TL.S | Load hook 5 t for retrofitting | | | | | 7 | 362 € |



F748



F75.17MS21

ATLAS Maschinen GmbH - Atlas Str. 6 - 27777 Ganderkesee

Tel.: +49 (0) 4222 954-0 - Fax: +49 (0) 4222 954343

Offer list: Attachments for hydraulic excavators

Valid from: 01.04.2016

Drainage bucket

Suitable for application in sticky material.

Scope of delivery: Screw teeth, hydr. ejectors, 2 hoses

| Material no. | Type designation | Width | Number of teeth | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|-----------------|--------|---|----------------------------|-------------|---------------------|
| 3077814 | F17.2 | 300 | 2 G25 | 130 | 168/50 | 6–11 t | 220 | 4 100 € |
| 3507893 | F17.2SW | 300 | 2 G25 | 130 | T11.20 | 6–11 t | 240 | 4 500 € |
| 3507837 | F17.3 | 400 | 3 G25 | 190 | 168/50 | 6–11 t | 240 | 4 300 € |
| 3507928 | F17.3SW | 400 | 3 G25 | 190 | T11.20 | 6–11 t | 260 | 4 700 € |
| 3080148 | F402 | 300 | 2 G30 | 200 | 268/60 | 12–20 t | 310 | 4 730 € |
| 3080171 | F402SW | 300 | 2 G30 | 200 | T620V/T620H | 12–20 t | 375 | 5 000 € |
| 6173322 | F402MS10 | 300 | 2 G30 | 200 | Lehnhoff MS10 | 12–20 t | 375 | 5 700 € |
| 3080160 | F403 | 400 | 3 G30 | 285 | 268/60 | 12–20 t | 345 | 4 880 € |
| 3080182 | F403SW | 400 | 3 G30 | 285 | T620V/T620H | 12–20 t | 410 | 5 200 € |
| 6068774 | F403MS10 | 400 | 3 G30 | 285 | Lehnhoff MS10 | 12–20 t | 410 | 6 200 € |

Trench lining bucket: flat shape, with a non-serrated blade.

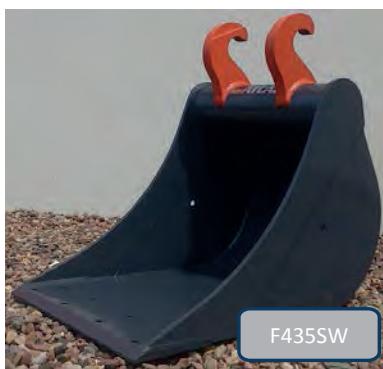
| Material no. | Type designation | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|---|------------------|-------|--------|---|----------------------------|-------------|---------------------|
| 3171875 | F435 | 850 | 490 | 268/60 | 10–20 t | 290 | 2 530 € |
| 3183631 | F435SW | 850 | 490 | T620V/T620H | 10–20 t | 315 | 3 230 € |
| respectively with openings in the floor blade for 4 teeth 3604459 | | | | | | | |
| 4569082 | F63.35 | 850 | 530 | 300/80 | 17–25 t | 420 | 3 740 € |
| 4569093 | F63.35SW | 850 | 530 | T63.20/T63.20H | 17–25 t | 510 | 4 410 € |

All-purpose bucket, round shape, for light soils, with a non-serrated blade

| | | | | | | | |
|---|--------|-------|-------|-------------|---------|-----|---------|
| 3159551 | F438 | 1 300 | 1 100 | 268/60 | 12–20 t | 440 | 3 510 € |
| 3186054 | F438SW | 1 300 | 1 100 | T620V/T620H | 12–20 t | 480 | 4 060 € |
| respectively with openings in the floor blade for 5 teeth 3604459 | | | | | | | |

Dipper for loamy soil, slender design, without ejector

| Material no. | Type designation | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|---|------------------|-------|--------|---|----------------------------|-------------|---------------------|
| 3569488 | F01.4 | 400 | 200 | 168/50 | 6–11 t | 140 | 1 990 € |
| 3589813 | F01.4SW | 400 | 200 | T11.20 | 6–11 t | 172 | 2 300 € |
| respectively with openings in the floor blade for 3 teeth 3646766 | | | | | | | |
| 3171717 | F454 | 400 | 260 | 268/60 | 10–20 t | 220 | 2 500 € |
| 3186098 | F454SW | 400 | 260 | T620V/T620H | 10–20 t | 265 | 2 910 € |
| respectively with openings in the floor blade for 2 teeth 3604459 | | | | | | | |
| 3171739 | F455 | 500 | 350 | 268/60 | 10–20 t | 245 | 2 750 € |
| 3186076 | F455SW | 500 | 350 | T620V/T620H | 10–20 t | 280 | 3 160 € |
| 6019753 | F456 | 600 | 400 | 268/60 | 10–20 t | 270 | 3 000 € |
| 6019755 | F456SW | 600 | 400 | T620V/T620H | 10–20 t | 300 | 3 430 € |
| respectively with openings in the floor blade for 3 teeth 3604459 | | | | | | | |



**Trench digger with a rear blade and with
screwed floor blade, fixed
with water holes in the rear wall up to G69SW**

| Material no. | Type designation | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|--|-------|--------|--|-------------------------------|----------------|------------------------|
| 2232242 | G11.2 | 1 500 | 260 | 168/50 | 6-11 t | 225 | 2 370 € |
| 3110429 | G11.2SW | 1 500 | 260 | T11.20 | 6-11 t | 235 | 2 760 € |
| 1446351 | G62 | 2 000 | 400 | 268/60 | 12-20 t | 345 | 2 850 € |
| 2213669 | G62SW | 2 000 | 400 | T620V/T620H | 12-20 t | 360 | 3 240 € |
| 1446373 | G64 | 2 000 | 560 | 268/60 | 12-20 t | 405 | 3 060 € |
| 2213647 | G64SW | 2 000 | 560 | T620V/T620H | 12-20 t | 415 | 3 450 € |
| 6177733 | G64SW o.WL. | 2 000 | 560 | T620V/T620H | 12-20 t | 418 | 3 450 € |
| 6132650 | G64MS10 | 2 000 | 560 | Lehnhoff MS10 | 12-20 t | 505 | 4 250 € |
| 1446384 | G69 | 2 200 | 700 | 268/60 | 12-20 t | 480 | 3 500 € |
| 2213636 | G69SW | 2 200 | 700 | T620V/T620H | 12-20 t | 490 | 3 900 € |
| 3084562 | G624 | 2 000 | 800 | 268/60 | 12-20 t | 600 | 3 930 € |
| 3551148 | G624SW | 2 000 | 800 | T620V/T620H | 12-20 t | 610 | 4 200 € |
| | G624 equipped as a tool carrier, no rear blade, with a holder for pallet forks | | | | | | |
| 4569128 | G63.34 | 2 000 | 710 | 300/80 | 17-25 t | 590 | 4 850 € |
| 4569139 | G63.34SW | 2 000 | 710 | T63.20/T63.20H | 17-25 t | 670 | 5 560 € |
| 4569140 | G63.36 | 2 000 | 900 | 300/80 | 17-25 t | 615 | 5 150 € |
| 4569151 | G63.36SW | 2 000 | 900 | T63.20/T63.20H | 17-25 t | 695 | 5 750 € |



G11.2



G644MS10



G64SW



G69SW



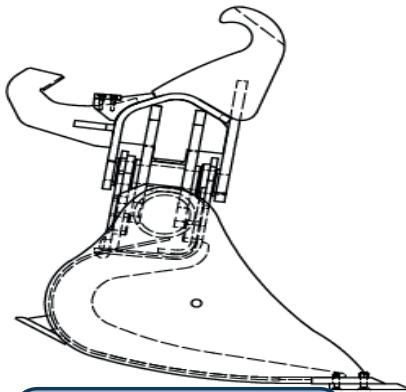
Extra work attachments upon customer request, for
example:
6143861 G64SW 3000 mm Special

**Trench digger with a rear blade and
screwed floor blade, swivelling: 2 x 45 degrees,
incl. 2 hydraulic swivelling cylinders with hoses up to the articulated jib
with water holes in the rear wall up to G649MS21**

| Material no. | Type designation | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|---|----------------------------|-------------|---------------------|
| 3560092 | G11.42 | 1 500 | 260 | 168/50 | 6–11 t | 280 | 4 930 € |
| 3560105 | G11.42SW | 1 500 | 260 | T11.20 | 6–11 t | 310 | 5 300 € |
| 4569220 | G13.42 | 1 500 | 260 | 268/60 | 9–13 t | 525 | 6 000 € |
| 4569231 | G13.42SW | 1 500 | 260 | T620V/T620H | 9–13 t | 540 | 6 600 € |
| 4105117 | G642 | 2 000 | 400 | 268/60 | 12–23 t | 550 | 7 050 € |
| 4105140 | G642SW | 2 000 | 400 | T620V/T620H | 12–23 t | 570 | 7 300 € |
| 4105162 | G644 | 2 000 | 560 | 268/60 | 12–23 t | 580 | 6 500 € |
| 4105195 | G644SW | 2 000 | 560 | T620V/T620H | 12–23 t | 670 | 7 150 € |
| 3565291 | G644 O.WL. | 2 000 | 560 | 268/60 | 12–23 t | 595 | 6 650 € |
| 3565304 | G644SW O.WL. | 2 000 | 560 | T620V/T620H | 12–23 t | 670 | 7 150 € |
| 4551162 | G649 | 2 200 | 700 | 268/60 | 12–23 t | 630 | 7 000 € |
| 4551184 | G649SW | 2 200 | 700 | T620V/T620H | 12–23 t | 705 | 7 800 € |

Additional prices for the above listed trench diggers – from other manufacturers suitable for quick change connectors, see page 39

| | | | | | | | |
|---------|--|-------|-----|----------------|---------|-------|--------------|
| 6025229 | G53.45 | 2 000 | 650 | 268/60 | 12–23 t | 615 | 8 400 € |
| | hydraulic cylinder installed for protection, with a complete cylinder cover without water holes in the rear wall | | | | | | |
| 6030801 | G53.45SW | 2 000 | 650 | T620V/T620H | 12–23 t | 700 | 8 800 € |
| | hydraulic cylinder installed for protection, with a complete cylinder cover without water holes in the rear wall | | | | | | |
| 4569184 | G63.44 | 2 000 | 710 | 300/80 | 17–25 t | 955 | 8 750 € |
| 4569195 | G63.44SW | 2 000 | 710 | T63.20/T63.20H | 17–25 t | 1 050 | 9 650 € |
| 4569208 | G63.46 | 2 000 | 900 | 300/80 | 17–25 t | 995 | 8 900 € |
| 4569219 | G63.46SW | 2 000 | 900 | T63.20/T63.20H | 17–25 t | 1 100 | 9 800 € |
| 6149280 | G75.53 | 2 000 | 860 | 311/80 | 22–28 t | 980 | upon request |
| 6117682 | G75.53MS21 | 2 000 | 860 | Lehnhoff MS21 | 22–28 t | 980 | upon request |
| 4902258 | G742 | 2 200 | 910 | forked/80 | 22–35 t | 1 005 | upon request |
| 5412837 | G742SW | 2 200 | 910 | T722/T722H | 22–35 t | 1 100 | upon request |



Trench digger with round rear
upon request

Quick change connectors from other manufacturers suitable for trench digger

Additional proce for swivelling trench digger of G13.42SW, G485SW–G487SW, G642–G649SW and all other speciale trench diggers, if it is used a quick coupler connecting head for T620.

| Deliverable for manufacturer | Type designation | for bucket size | List price plus VAT |
|------------------------------|------------------|-----------------|---------------------|
| Lehnhoff | MS10 | G13.42SW–G649 | 400 € |
| Lehnhoff | MS21/25 | G13.42SW–G649 | 715 € |
| Verachtert | CW20-40 | G13.42SW–G649 | 445 € |
| SMP | SMP 2 STD | G13.42SW–G649 | 745 € |
| SMP | SMP 2 Euro | G13.42SW–G649 | 835 € |
| Liebherr | SW33 | G13.42SW–G649 | 1 290 € |
| Liebherr | SW33 LIKU | G13.42SW–G649 | 5 560 € |
| Liebherr | SW48 | G13.42SW–G649 | 1 380 € |
| Liebherr | SW48 LIKU | G13.42SW–G649 | 6 220 € |
| Oil Quick | OQ65 | G13.42SW–G649 | 3 280 € |
| Oil Quick | OQ70 | G13.42SW–G649 | 3 580 € |
| Oil Quick | OQ70/55 | G13.42SW–G649 | 3 700 € |



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Offer list: Attachments for hydraulic excavators

Valid from: 01.04.2016

Trench digger, bucket shape with rear blade and fixed to the ground or swivelling 2 x 45 degrees with 2 hydraulic swivelling cylinders with hoses up to the articulated jib with water holes in the rear wall

| Material no. | Type designation | Version | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--------------|-------|--------|---|----------------------------|-------------|---------------------|
| 6182706 | G54 | fixed | 2 000 | 580 | 268/60 | 12-23 t | 450 | 3 700 € |
| 6179565 | G54SW | fixed | 2 000 | 580 | T620V/T620H | 12-23 t | 450 | 4 100 € |
| 6182707 | G55 | fixed | 2 000 | 780 | 268/60 | 12-23 t | 490 | 4 310 € |
| 6167787 | G55SW | fixed | 2 000 | 780 | T620V/T620H | 12-23 t | 490 | 4 700 € |
| 6156986 | G654 | 2x45 degrees | 2 000 | 580 | 268/60 | 12-23 t | 600 | 6 900 € |
| 6156981 | G654SW | 2x45 degrees | 2 000 | 580 | T620V/T620H | 12-23 t | 640 | 7 600 € |
| 6156825 | G655 | 2x45 degrees | 2 000 | 780 | 268/60 | 12-23 t | 650 | 7 550 € |
| 6156789 | G655SW | 2x45 degrees | 2 000 | 780 | T620V/T620H | 12-23 t | 670 | 8 200 € |



G54SW



G655SW

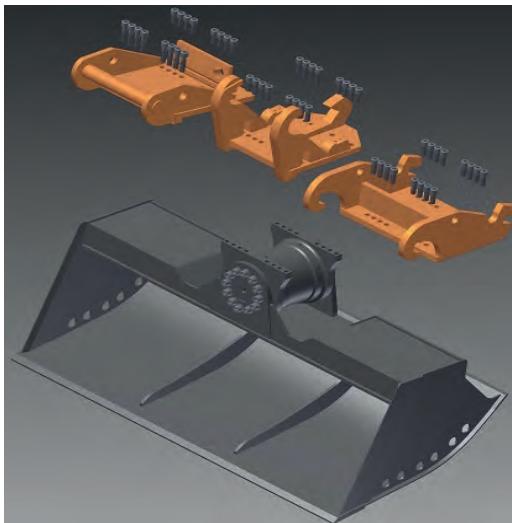
Trench digger, bucket shape with rear blade and fixed or swivelling 2 x 50 degrees with rotator HKS Xtra Tilt 250, with hoses up to the articulated jib with water holes in the rear wall

| Material no. | Type designation | Width | Litres | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------------|-------|--------|----------------------------|-------------|---------------------|
| 6182708 | G654 Body with rotator | 2 000 | 580 | 12-23 t | 750 | 11 600 € |
| 6173386 | G655 Body with rotator | 2 000 | 780 | 12-23 t | 800 | 12 000 € |

Other bodyshapes upon request!!

Screw adaptor, suitable for trench digger

| | | | | |
|---------|--------------|------------------------------------|-----|---------|
| 6173387 | SA-G-T620 | Screw plate for T620V/T620H | 125 | 2 950 € |
| 6173388 | SA-G-MS10 | Screw plate for Lehnhoff MS10 | 135 | 2 950 € |
| 6173389 | SA-G-CW20-40 | Screw plate for Verachtert CW20-40 | 120 | 2 950 € |
| 6182709 | SA-G-OQ65 | Screw plate for OilQuick OQ65 | 115 | 6 450 € |
| 6180894 | SA-G-OQ70/55 | Screw plate for OilQuick OQ70/55 | 125 | 6 950 € |



Screw plate for T620V/T620H
Body G655 with rotator

Rotator – Rototilt u. Xtra Tilt

The Rototilt rotator with 2 telescopic cylinders is tiltable 2 x 40 degrees and rotatable through 360 degrees

| Material no. | Type designation | | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|---|---|---|----------------------------|-------------|---------------------|
| 6129250 | RT620 without magnet valve | AST8 attachment kit is to be available on the excavator. | T620V/T620H | 12–23 t | 625 | 24 900 € |
| 6145950 | RT620 HP | for RT620 without magnet valve | | | 11 | 390 € |
| 6118497 | RT620 with a magnet valve | An electrical attachment kit can be retrofitted to the excavator. | T620V/T620H | 12–23 t | 625 | 26 350 € |
| 5401185 | RT620 HP | | | | 11 | 200 € |
| 6142639 | RT63.20-T63.20 | | T63.20/T63.20H | 18–28 t | 620 | upon request |
| 6173854 | Xtra Tilt rotary unit BVE250 2x70° up fixed 270/60 down | SWT620 | | 15–23 t | 450 | 14 300 € |
| 6173855 | Xtra Tilt rotary unit BVE250 2x70° up fixed 270/60 down | SWT620H | | 15–23 t | 510 | 16 600 € |

Dipper swivel head

| Material no. | Type designation | | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--|---|----------------------------|-------------|---------------------|
| 1549888 | G360 | Swivel head for rock buckets and trenching 2 x 45 degrees with 2 cylinders and hoses | 268/60 | 12–20 t | 250 | upon request |



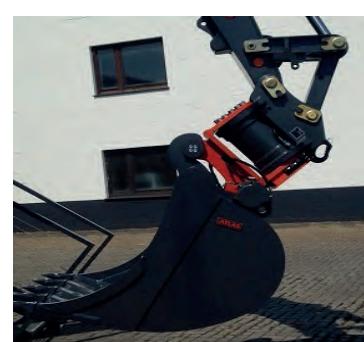
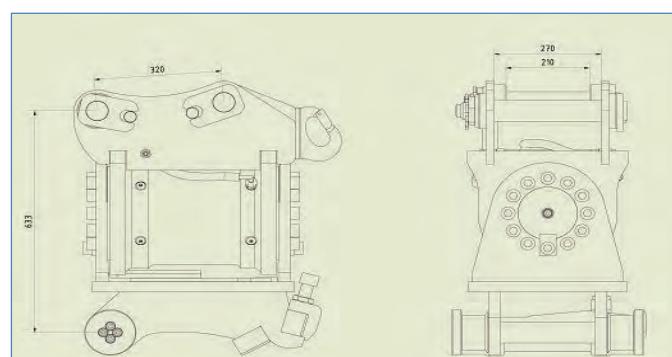
RT620 without magnet valve



G360



Xtra Tilt
6173855



**Multi-purpose bucket, bucket shape without rear blade,
with non-serrated floor blade, fixed**

G475–G477SW floor panel from 400HB special steel

| Material no. | Type designation | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|--|-------------------------------|----------------|------------------------|
| 3174265 | G475 | 1 500 | 750 | 268/60 | 12–23 t | 370 | 3 120 € |
| 3186032 | G475SW | 1 500 | 750 | T620V/T620H | 12–23 t | 410 | 3 660 € |
| 3174298 | G476 | 1 750 | 890 | 268/60 | 12–23 t | 420 | 3 290 € |
| 3186010 | G476SW | 1 750 | 890 | T620V/T620H | 12–23 t | 460 | 3 760 € |
| 3174323 | G477 | 2 000 | 1 020 | 268/60 | 12–23 t | 450 | 3 470 € |
| 3185995 | G477SW | 2 000 | 1 020 | T620V/T620H | 12–23 t | 500 | 3 990 € |
| 4568785 | G63.76 | 1 750 | 1 230 | 300/80 | 17–25 t | 590 | 5 250 € |
| 4568796 | G63.76SW | 1 750 | 1 230 | T63.20/T63.20H | 17–25 t | 680 | 5 850 € |
| 4568809 | G63.77 | 2 000 | 1 420 | 300/80 | 17–25 t | 655 | 6 200 € |
| 4568810 | G63.77SW | 2 000 | 1 420 | T63.20/T63.20H | 17–25 t | 790 | 6 800 € |
| 4573884 | G83.76 | 2 000 | 1 600 | forked/80 | 22–35 t | 825 | 9 700 € |
| 4550490 | G83.76SW | 2 000 | 1 600 | T722/T722H | 22–35 t | 920 | 10 350 € |

**Multi-purpose bucket, round bucket shape without rear blade, with
non-serrated floor blade, swivelling 2 x 45 degrees,
incl. 2 hydraulic swivelling cylinders with hoses up to the articulated jib
G485–G 487MS21 floor panel from 400HB special steel**

| Material no. | Type designation | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|--|-------------------------------|----------------|------------------------|
| 4573862 | G485 | 1 500 | 750 | 268/60 | 12–23 t | 575 | 6 550 € |
| 4557033 | G485SW | 1 500 | 750 | T620V/T620H | 12–23 t | 650 | 7 250 € |
| 4573840 | G486 | 1 750 | 890 | 268/60 | 12–23 t | 610 | 7 000 € |
| 4557055 | G486SW | 1 750 | 890 | T620V/T620H | 12–23 t | 675 | 7 500 € |
| 4573828 | G487 | 2 000 | 1 020 | 268/60 | 12–23 t | 660 | 7 300 € |
| 4557077 | G487SW | 2 000 | 1 020 | T620V/T620H | 12–23 t | 735 | 7 750 € |
| 4568821 | G63.86 | 1 750 | 1 230 | 300/80 | 17–25 t | 960 | 9 150 € |
| 4568832 | G63.86SW | 1 750 | 1 230 | T63.20/T63.20H | 17–25 t | 1 055 | 9 800 € |
| 4568843 | G63.87 | 2 000 | 1 420 | 300/80 | 17–25 t | 1 010 | upon request |
| 4568854 | G63.87SW | 2 000 | 1 420 | T63.20/T63.20H | 17–25 t | 1 115 | upon request |
| 4573873 | G83.86 | 2 000 | 1 600 | forked/80 | 22–35 t | 1 180 | upon request |
| 5400015 | G83.86SW | 2 000 | 1 600 | T722/T722H | 22–35 t | 1 230 | upon request |



G487OQ70–55 6179386

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Offer list: Attachments for hydraulic excavators

Valid from: 01.04.2016

Ripper tooth

| Material no. | Type designation | Depth | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|---|----------------------------|-------------|---------------------|
| 6017199 | H43.20 | | 268/60 | 12-20 t | 201 | upon request |
| 6016095 | H43.20SW | | T620V/T620H | 12-20 t | 209 | upon request |
| 4569242 | H63.20 | | 300/80 | 17-25 t | 290 | upon request |
| 4568752 | H63.20SW | | T63.20/T63.20H | 17-25 t | 375 | upon request |

Heavy duty fork with 6 forked screw teeth, for picking up paving stones

| Material no. | Type designation | Width | Litres | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-------|--------|---|----------------------------|-------------|---------------------|
| 3509431 | J40.8 | 1 200 | 400 | 268/60 | 12-23 t | 476 | 4 940 € |
| 3548303 | J40.8 SW | 1 200 | 400 | T620V/T620H | 12-23 t | 515 | 5 450 € |
| 6162151 | J40.8 MS10 | 1 200 | 400 | Lehnhoff MS 10 | 12-23 t | 515 | 6 100 € |

Load hook, capable of rotation

| Material no. | Type designation | Load-bearing capacity kN | Length | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|--------------------------|--------|---|----------------------------|-------------|---------------------|
| 1907382 | K11.10 | 75 | 560 | 168/50 | 6-11 t | 30 | 880 € |
| 3112272 | K11.10SW | 75 | 630 | T11.10/T11.20 | 6-11 t | 50 | 1 800 € |
| 1907393 | K610 | 150 | 690 | 268/60 | 12-23 t | 50 | 1 140 € |
| 6134786 | K610-347 | 150 | 690 | 347/80 | 17-25 t | 85 | 2 950 € |
| 2225061 | K610 SW | 150 | 790 | T610/T620/T620H | 12-23 t | 75 | 1 750 € |
| 6150248 | K610SW-T713 | 150 | 790 | T713 | 17-25 t | 85 | 3 100 € |
| 4568423 | K63.10 | 200 | 820 | 300/80 | 17-25 t | 87 | upon request |
| 4568434 | K63.10SW | 200 | 960 | T63.10/T63.20 T63.20H | 17-25 t | 140 | upon request |
| 0729737 | K710 | 125 | 590 | forked/80 | 22-35 t | 85 | upon request |
| 2224935 | K710SW | 125 | 730 | T722/T722H | 22-35 t | 180 | upon request |

Load hook fixed, incapable of rotation

| | | | | | | | |
|---------|--------|-----|-----|-----------------|---------|----|--------------|
| 3534909 | K613 | 150 | 655 | 268/60 | 12-23 t | 50 | 1 140 € |
| 3572585 | K613SW | 150 | 655 | T610/T620/T620H | 12-23 t | 60 | 1 750 € |
| 4580429 | K713 | 200 | 650 | 345(closed)/80 | 22-35 t | 55 | upon request |
| 5411256 | K713SW | 200 | 690 | T713 | 22-35 t | 78 | upon request |



Pallet forks

| Material no. | Type designation | Load-bearing capacity (t.) | Teeth length | Suitable for arm width and bolts, Ø (mm), SWE (quick change device) | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|-----------------------|----------------------------|--------------|---|----------------------------|-------------|---------------------|
| 6149549 | PG2,5T.ZL 1 250 MM | 2.5 | 1 200 | 268/60 | 12-23 t | 210 | 4 450 € |
| 6147343 | PGSW2, 5T.ZL 1 250 MM | 2.5 | 1 200 | T620/T620H | 12-23 t | 330 | 4 450 € |

Original load-lifting magnets MOZELT

as standard with triple chain sling

| Material no. | Type designation | Diameter Ø (mm) | KW | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|-----------------|---------------------|----------------------------|-------------|---------------------|
| 6063217 | MLA11 | 1 170 | 7, 0kW220VDC/80%ED | | 1 080 | upon request |
| 6073058 | MLA12 | 1 270 | 9, 0kW220VDC/80%ED | | 1 400 | upon request |
| 6068772 | MLA13 | 1 375 | 10, 0kW220VDC/80%ED | | 1 720 | upon request |
| 6123773 | MLA15 | 1 530 | 12, 5kW220VDC/80%ED | | 2 300 | upon request |

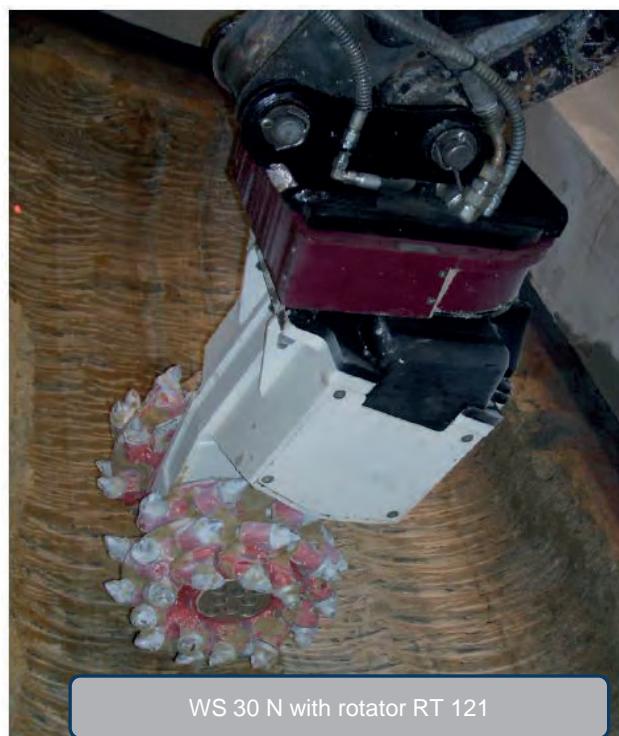
fixed load hook is necessary, see page 43



Milling cutters 2–20 t

| Material no. | Type designation | Drum | Dimension mm | Type drilling bit | Number of drilling bits | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|---|---------------------|--------------|-------------------|-------------------------|----------------------------|-------------|---------------------|
| 8310134 | WS 15 N HD-motor (255 ccm, 18 kW) | Ripping drum | 500 | BC26 | 2 x 24 | 2–8 t | 270 | 22 000 € |
| 8310135 | WS 15 N HD-motor (255 ccm, 18 kW) | Demolition drum | 500 | BC26 | 2 x 24 | 2–8 t | 290 | 23 400 € |
| 8310136 | WS 15 N HD-motor (255 ccm, 18 kW) | Profiling drum | 520 | CM63 | 2 x 24 | 2–8 t | 290 | 24 800 € |
| 8310004 | WS 15 N HD-motor (255 ccm, 18 kW) | Wood milling drum | 400/160 | BFZ 60 | 70 | 2–8 t | 270 | 21 800 € |
| 8310148 | WS 15 N with rotator RT 061 | Ripping drum | 500 | BC26 | 2 x 24 | 3–6 t | 350 | 36 700 € |
| 8310127 | WS 15 N with rotator RT 121 | Ripping drum | 500 | BC26 | 2 x 24 | 5–8 t | 400 | 38 000 € |
| | | | | | | | | |
| 8310015 | WS 30 N HD-motor (560 ccm, 30 kW) | Ripping drum set | 630 | BC26 | 2 x 24 | 8–15 t | 400 | 33 100 € |
| 8310016 | WS 30 N HD-motor (560 ccm, 30 kW) | Demolition drum | 630 | BC26 | 2 x 24 | 8–15 t | 420 | 34 400 € |
| 8310017 | WS 30 N HD-motor (560 ccm, 30 kW) | Profiling drum set | 630 | BC26 | 2 x 24 | 8–15 t | 420 | 35 600 € |
| 8310019 | WS 30 N HD-motor (560 ccm, 30 kW) | Wood milling drum | 550/190 | BFZ60 | 70 | 8–15 t | 400 | 32 600 € |
| 8310128 | WS 30 N with rotator RT 121 | Ripping drum set | 630 | BC26 | 2 x 24 | 8–15 t | 580 | 48 000 € |
| | | | | | | | | |
| 8310031 | WS 45 N HD-motor (1120 ccm, 45 kW) | Ripping drum set | 750 | BTK114 | 56 | 12–20 t | 850 | 44 800 € |
| 8310033 | WS 45 N HD-motor (1120 ccm, 45 kW) | Demolition drum set | 750 | BTK114 | 56 | 12–20 t | 870 | 46 800 € |
| 8310035 | WS 45 N HD-motor (1120 ccm, 45 kW) | Profiling drum set | 900 | BTK114 | 56 | 12–20 t | 850 | 44 150 € |
| 8310129 | WS 45 N with rotator RT201 | Ripping drum set | 750 | BTK114 | 56 | 12–20 t | 1 100 | 65 000 € |

In deviation to this standard milling cutters you can customize your milling cutter optimally with different hydraulic motors, blade heads and drilling bits in accordance to the intended use. You can rent all standard milling cutters from us on favorable terms, when they are available. You can find the rental prices in the price list "Hydraulic cutting units".



WS 30 N with rotator RT 121

Different types drilling bits



Standard drilling bit
For soft to medium-hard rock,
e.g. asphalt, salt, mudstone



Heavy duty drilling bit
For medium-hard to hard rock,
e.g. limestone, concrete



Wear protected drilling bit
For very abrasive rock,
e.g. sandstone, blast furnace slag gravel



Drilling bit for wood milling cutter
For stump milling cutter

Other drilling bits for special applications and materials are also available.

Milling cutters 18–60 t

| Material no. | Type designation | Drum | Dimension mm | Type drilling bit | Number of drilling bits | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|---|---------------------|--------------|-------------------|-------------------------|----------------------------|-------------|---------------------|
| 8310045 | WS 60 N HD-motor (1884 ccm, 60 kW) | Ripping drum set | 900 | BGF10 | 2 x 28 | 18–30 t | 1 400 | 61 800 € |
| 8310046 | WS 60 N HD-motor (1884 ccm, 60 kW) | Demolition drum set | 900 | BGF10 | 2 x 28 | 18–30 t | 1 500 | 63 200 € |
| 8310049 | WS 60 N HD-motor (1884 ccm, 60 kW) | Profiling drum set | 900 | BGF10 | 2 x 40 | 18–30 t | 1 500 | 66 200 € |
| 8310050 | WS 60 N HD-motor (1884 ccm, 60 kW) | Tunnel drum set | 900 | BGF10 | 2 x 30 | 18–30 t | 1 400 | 62 000 € |
| 8310053 | WS 60 N HD-motor (1884 ccm, 60 kW) | Soil mixing drums | 1 200 | BC 26 | 2 x 12 | 18–30 t | 1 600 | 68 800 € |
| 8310149 | WS 60 N with rotator RT 251 | Ripping drum set | 900 | BGF10 | 2 x 28 | 18–30 t | 1 650 | 86 000 € |
| 8310067 | WS 90 N MD-Motor (3332 ccm, 90 kW) | Ripping drum set | 900 | BGF10 | 2 x 28 | 25–35 t | 1 460 | 69 100 € |
| 8310068 | WS 90 N MD-Motor (3332 ccm, 90 kW) | Demolition drum set | 900 | BGF10 | 2 x 28 | 25–35 t | 1 560 | 70 400 € |
| 8310071 | WS 90 N MD-Motor (3332 ccm, 90 kW) | Profiling drum set | 900 | BGF10 | 2 x 40 | 25–35 t | 1 560 | 73 400 € |
| 8310072 | WS 90 N MD-Motor (3332 ccm, 90 kW) | Tunnel drum set | 900 | BGF10 | 2 x 30 | 25–35 t | 1 460 | 69 100 € |
| 8310075 | WS 90 N MD-Motor (3332 ccm, 90 kW) | Soil mixing drums | 1 200 | BC 26 | 2 x 12 | 25–35 t | 1 660 | 72 800 € |
| 8310131 | WS 90 N with rotator RT 301 | Ripping drum set | 900 | BGF10 | 2 x 28 | 25–35 t | 1 710 | 100 000 € |
| 8310089 | WS 120 N MD-Motor (4996 ccm, 120 kW) | Ripping drum set | 1 200 | BKF15 | 2 x 32 | 30–45 t | 2 600 | 79 800 € |
| 8310090 | WS 120 N MD-Motor (4996 ccm, 120 kW) | Demolition drum set | 1 200 | BKF15 | 2 x 32 | 30–45 t | 2 700 | 82 800 € |
| 8310091 | WS 120 N MD-Motor (4996 ccm, 120 kW) | Profiling drum set | 1 200 | BKF10 | 2 x 50 | 30–45 t | 2 700 | 85 600 € |
| 8310103 | WS 150 N HD-motor (6012 ccm, 150 kW) | Ripping drum set | 1 400 | BKF15 | 2 x 40 | 40–60 t | 2 800 | 89 000 € |
| 8310104 | WS 150 N HD-motor (6012 ccm, 150 kW) | Demolition drum set | 1 400 | BKF15 | 2 x 40 | 40–60 t | 2 900 | 92 200 € |
| 8310105 | WS 150 N HD-motor (6012 ccm, 150 kW) | Profiling drum set | 1 400 | BKF10 | 2 x 60 | 40–60 t | 2 900 | 96 800 € |

In deviation to this standard milling cutters you can customize your milling cutter optimally with different hydraulic motors, blade heads and drilling bits in accordance to the intended use. You can rent all standard milling cutters from us on favorable terms, when they are available. You can find the rental prices in the price list "Hydraulic cutting units".



WS 60 with
ripping drum



WS 90 with
ripping drum

CUTTER HEADS

Depending on the application each drum can show its strengths optimally.



Ripping drum

- For soft to medium-hard rock,
- Large cutting depth for maximum productivity.



Profiling drum

- For soft to medium-hard rock,
- Higher number of drilling bits for accurate surfaces and reduced vibrations.



Demolition drum

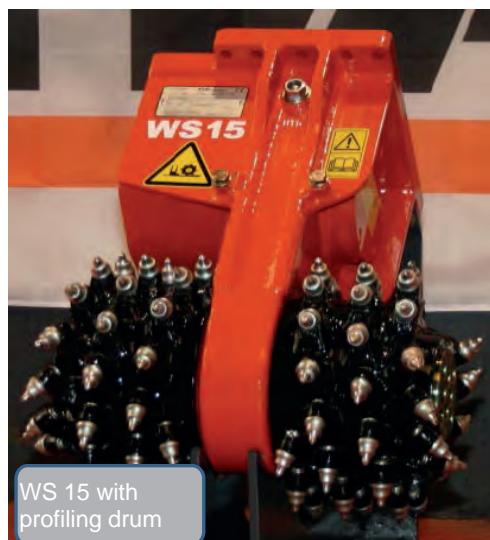
- For medium-hard to hard rock and concrete,
- Wear protected spiral plate for limiting the cutting depth, while the vibration are reduced and it ensures high smoothness.

Drum sets for milling cutters WS 15–150

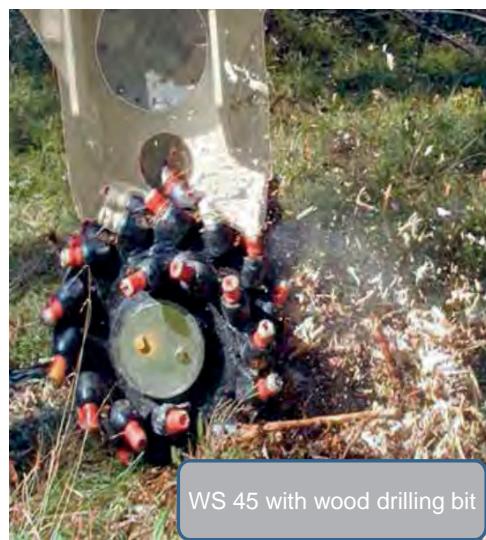
| Material no. | Type designation | Type milling cutter | List price plus VAT |
|--|---|---------------------|--|
| The milling cutters can be equipped with the following drum sets. The drum sets can be ordered separately! | | | |
| upon request | Brushes drum set | WS 15 | Price and delivery time – upon request |
| upon request | Wood milling drum set | WS 15–WS 30 | Price and delivery time – upon request |
| upon request | Soil mixing drums | WS 15–WS 90 | Price and delivery time – upon request |
| upon request | Asphalt drum set | WS 15–WS 150 | Price and delivery time – upon request |
| upon request | Drum sets for slitting milling cutters | WS 15–WS 150 | Price and delivery time – upon request |
| upon request | Special demolition drum | WS 15–WS 150 | Price and delivery time – upon request |
| upon request | Tunnel drum set | WS 15–WS 150 | Price and delivery time – upon request |
| upon request | Gypsum drum set | WS 90–WS 150 | Price and delivery time – upon request |
| upon request | Profiling/Demolition drum set | WS 120 | Price and delivery time – upon request |
| upon request | Extraction drum set | WS 150 | Price and delivery time – upon request |

Mounting plates and screw adapter for permanent installation and for quick change devices can be delivered. Price and delivery time – upon request

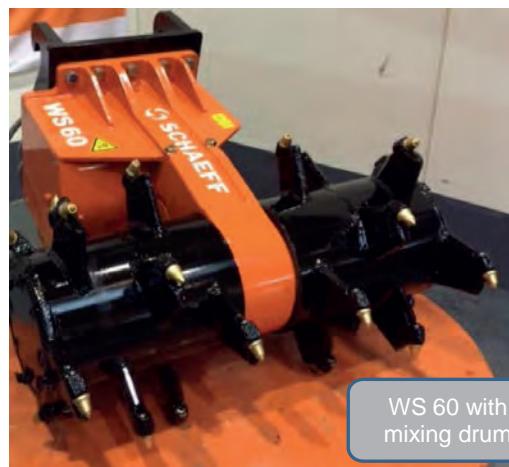
Special cutting heads can be customized according to your requirements. Contact us.



WS 15 with
profiling drum



WS 45 with wood drilling bit



WS 60 with
mixing drum

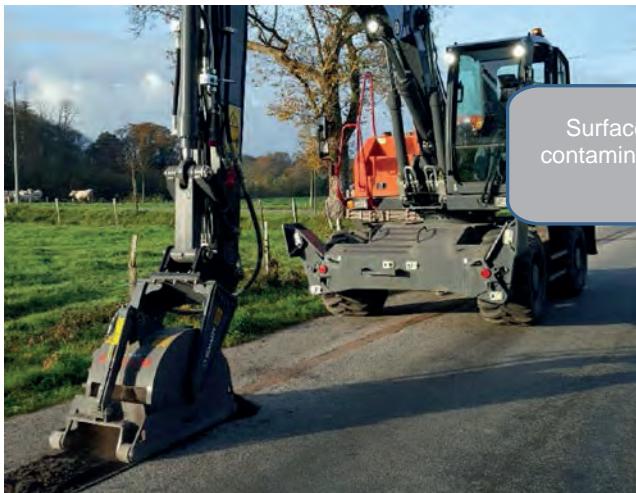
Surface milling cutters

| Material no. | Type designation | HD motor | Drum | Dimension mm | Type drilling bit for asphalt | Number of drilling bits | Recommended excavator size | Weight (kg) | List price plus VAT |
|--------------|------------------|---------------|-----------------------|--------------|-------------------------------|-------------------------|----------------------------|-------------|---------------------|
| 8310118 | TPP 300 | 630 ccm 18 KW | Multiple milling drum | 300 | BSH188 | 38 | 5–8 t | 450 | 21 700 € |
| 8310119 | TPP 450 | 800 ccm 30 KW | Multiple milling drum | 450 | BSH188 | 54 | 8–14 t | 600 | 23 700 € |
| 8310120 | TPP 600 | 960 ccm 36 KW | Multiple milling drum | 600 | BSH188 | 68 | 12–18 t | 800 | 28 700 € |

Mounting plates and screw adapter for permanent installation and for quick change devices can be delivered.

Price and delivery time – upon request

The surface milling cutters can be also equipped with concrete and rock bit.



Surface milling cutters for asphalt, concrete or contaminated surfaces mounted on an excavator or loader from 5–18 tons.

Standard cutting widths of 300, 450 and 600 mm – smaller cutting drum widths can optionally be delivered.

Optional water nozzles for dust reduction

Mechanically adjustable cutting depth for a uniform surface removal

Guide frame with wear resistant track rollers for reduced abrasion

Efficient by direct reuse of the cutting material

Forked support arm with wide swivel range to maximize the flexibility of use.

Protective cover with opening on the top for easy inspection and servicing of the drum

High load capacity and long life of service of the cutting drum and swivel arm mounting

A variety of cutting bits for various materials such as asphalt, rock or concrete

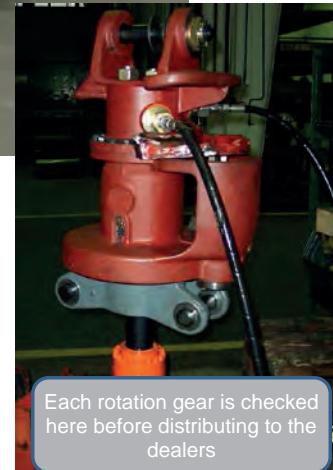
If you need more detailed information, please request our price list "Hydraulic cutting units"!

- Work attachments -

Manufacture at the factory in Vechta



Assembly station - rotation gears -



Each rotation gear is checked here before distributing to the dealers



Final assembly station of the grabs
- customized assembly -



Christmas in
Vechta



Final assembly station milling cutters
- customized assembly -



Loading for distributing to the customers

The right tool

We manufacture our tools in standard and special models based on the most current know-how in the fields of machine and steel construction. High-strength steels, tried and tested with century-long experience in this industry are guarantees for cost-efficient and practical work.

Capable service partners

The customer service employees of our dealers are highly trained in the technology in our factory in order to be qualified contacts for you at all times.

SERVICE

ATLAS ATLAS ATLAS



EASY. FAST. RELIABLE.

THE RIGHT TOOL

We manufacture our tools in standard and special models based on the most current know-how in the fields of machine and steel construction.

High-strength steels, tried and tested with century-long experience in this industry are guarantees for cost-efficient and practical work.

CAPABLE SERVICE PARTNERS

The customer service employees of our dealers are highly trained in the technology in our factory in order to be qualified contacts for you at all times.

THE BEST SUPPORT

With our AEM system, you also have a reliable partner for servicing. The service menu with maintenance-interval and measurement-data display stores all required information.

A diagnostics interface in the driver's cab for the connection of a laptop enables the easy readout and configuration of the AEM system.

DAS RICHTIGE WERKZEUG

Wir fertigen unsere Werkzeuge in Serien- und Sonderausführungen nach modernsten Erkenntnissen des Maschinen- und Stahlbaus. Hochfeste Stähle, bewährte Technik und jahrzehntelange Erfahrung sind in diesem Sektor Garanten für kostengerechtes und praxisnahes Arbeiten.

KOMPETENTE SERVICEPARTNER

Die Kundendienstmitarbeiter unserer Händler werden intensiv im Bereich Technik in unserem Werk geschult, um für Sie jederzeit ein kompetenter Ansprechpartner zu sein.

BESTE UNTERSTÜTZUNG

Mit unserem AEM-System haben Sie auch bei der Wartung einen verlässlichen Partner. Das Service-menü mit Wartungsintervall- und Messdatenanzeige hält alle erforderlichen Informationen bereit. Eine Diagnose-Schnittstelle in der Fahrerkabine zum Anschluss eines Laptops ermöglicht das leichte Auslesen und Konfigurieren des AEM-Systems.

NOTES / NOTIZEN

ATLAS

SINCE 1919



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AVAILABLE & COST EFFECTIVE