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HOLE FORMING SERIES

Why choose us?

- 1 100% Top Brand Hydraulic Motor Danfoss or Parker.
- 2 Proven gearbox production process same as the high-speed railway used.
- 3 Warranty: 18 months motor (3 years + 6 year box).



1-50 tons

Applicable Excavator

100-2400mm

Hole Diameter

20M

Maximum Depth

Applicable Soil Types

Soft Soil, Crushed Stone, Frozen Soil, Sandy Soil, Clay, Asphalt, Concrete, Stone, Etc

Hole Forming Series AUGER DRIVE

18 months warranty for the entire drive



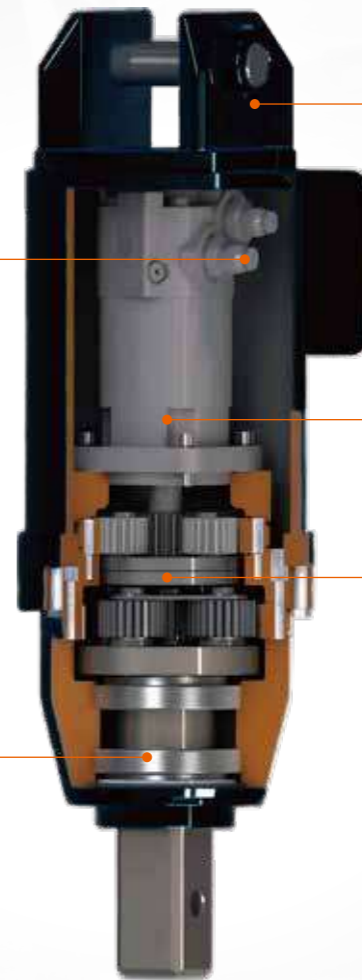
HOSE & ADAPTORS

All Auger drives come standard with high quality to connect oil hoses in and out adaptors (excludes larger units, QRC's not included)

MULTI-LEVEL REDUCTION GEARBOX WITH LARGE TORQUE

FORGED HOOD EARS

Locked hood pins making the auger drive connect with the pin hitch safety



HYDRAULIC MOTOR

Danfoss or Parker brand with stable quality
The satisfied rate more than 99.8%



PLANETARY GEARBOX

The unique planetary gear box provided powerful torque with stable quality



For Mini Excavator 0.75-1T
GEA1000



For Mini Excavator 1-5T
GEA2000-4500



For Excavator 4.5-12T
GEA5000-8000



For Excavator 13-25T
GEA12000-25000



For Excavator 21-50T
GEA 35000-100000

Auger Drive Specification

| Model | Unit | GEA1000 | GEA2000 | GEA2500 | GEA3500 | GEA4500 | GEA5000 | GEA6000 | GEA7000 |
|------------------|-------|---------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| Carrier Weight | T | 0.75-1 | 1-2.5 | 1.5-3 | 2.5-4.5 | 3-5 | 4.5-7 | 5-7 | 7-10 |
| Working Pressure | Bar | 30-150 | 70-205 | 70-205 | 80-240 | 80-240 | 80-240 | 80-240 | 80~240 |
| Working Oil Flow | L/min | 15-32 | 23-53 | 30-61 | 30-68 | 38-76 | 38-76 | 45-83 | 61-121 |
| Torque | N.m | 189-950 | 638-1871 | 830-2432 | 1205-3614 | 1500-4499 | 1685-5056 | 1970-5910 | 2310-6931 |
| Rotary Speed | Rpm | 38-81 | 40-92 | 40-82 | 32-72 | 32-64 | 29-58 | 28-50 | 37-72 |
| Hydraulic Hose | Inch | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 |
| Output Shaft | mm | Φ50 | Φ65 | Φ65 | Φ65 | Φ65 | □75 | □75 | □75 |
| Unit Weight | Kg | 35 | 54 | 54 | 71 | 71 | 108 | 108 | 112 |
| Unit Height | mm | 507 | 595 | 595 | 700 | 700 | 780 | 780 | 850 |
| Unit Max Dia. | mm | 194 | 200 | 200 | 244 | 244 | 269 | 269 | 269 |
| Auger Series | | S2 | S4 | S4 | S4 | S4 | S5 | S5 | S5 |
| Auger Length | mm | 900 | 1200 | 1200 | 1200 | 1200 | 1500 | 1500 | 1500 |
| Auger Dia. Range | mm | 100-300 | 100-400 | 100-500 | 100-750 | 100-900 | 150-600 | 150-750 | 150-900 |

| GEA8000 | GEA12000 | GEA15000 | GEA20000 | GEA25000 | GEA35000 | GEA42000 | GEA50000 | GEA65000 | GEA100000 |
|-----------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-----------------|
| 8-12 | 13-17 | 13-17 | 13-20 | 15-23 | 20-45 | 20-45 | 20-45 | 20-50 | 20-50 |
| 80-240 | 80-240 | 80-240 | 80-240 | 80-240 | 155-310 | 155-310 | 160-320 | 165-350 | 165-350 |
| 61-136 | 70-150 | 80-170 | 80-170 | 80-170 | 80-170 | 80-170 | 100-280 | 100-280 | 100-280 |
| 2717-8152 | 3992-11976 | 5015-15046 | 6520-19560 | 8316-24949 | 17632-35265 | 21159-42318 | 23694-47389 | 29321-62197 | 48797-103509 |
| 29-64 | 22-48 | 20-43 | 16-33 | 12-26 | 9-24 | 9-20 | 11-30 | 9-25 | 5-13 |
| 3/4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1/4 | 1 1/4 | 1 1/2 |
| □75 | □75 | □75 | □75 | □75 | □110 | □110 | □110 | □110 | Hex 150 □130 |
| 115 | 167 | 167 | 270 | 270 | 440 | 440 | 470 | 490 | 1350 |
| 850 | 930 | 930 | 1150 | 1150 | 1410 | 1410 | 1410 | 1450 | 2010 |
| 269 | 290 | 290 | 345 | 345 | 406 | 406 | 406 | 406 | 675 |
| S5 | S6 | S6 | S6 | S6 | PA | PA | PA | PA | PA |
| 1500 | 1750 | 1750 | 1750 | 1750 | 2300 | 2300 | 2300 | 2300 | 2300 |
| 150-900 | 150-900 | 150-1200 | 150-1200 | 150-1200 | 300-1500 | 300-1500 | 300-1800 | 300-1800 | 300-1800 |

Hole Forming Series AUGER

HEAVY DUTY AUGER

Auger range will be used for the toughest applications so we only use the highest grade steel and vary our tube size according to machine size and application.

S4 Auger



S5 Auger



S6 Auger



PA Auger



| Model | Unit | S4 | S5 | S6 | PA |
|------------------------|--------|-----------------------------|----------------------|----------------------|---------------------------------|
| Output Shaft | | 65mm RD (2.56 RD /2 HEX) | 75mm SQ (2.95 SQ) | 75mm SQ (2.95 SQ) | 110/130mm SQ (4.33 /5.12 SQ) |
| Length | Ft | 3.94 | 4.92 | 5.74 | 7.54 |
| | m | 1.2 | 1.5 | 1.75 | 2.3 |
| Drilling Dia. | Inches | 4-35 | 6-35 | 6-47 | 12-95 |
| | mm | 100-900 | 150-900 | 150-1200 | 300-2400 |
| Extension Shaft Length | Ft | 1.64/2.62/3.28 | 3.28/4.92/6.56 | 4.92/6.56/9.84 | 6.56/9.84 |
| | m | 0.5/0.8/1 | 1/1.5/2 | 1.5/2/3 | 2/3 |
| Blade Thickness | Inches | 0.24 | 0.31 | 0.47 | Bottom:0.47 Others:0.78 |
| | mm | 6 | 8 | 12 | Bottom:12 Others:20 |

HELICAL BLADE

Shot blasting process to change the internal structure of steel and enhanced hardness and longer service life. It will cut at its maximum efficiency and, most importantly the spoil will stay on your cutting head when you remove it from the hole.



HUB OPTIONS

Our Augers are available in 4 popular hub sizes: 65mm rounds, 2" hex, 75mm and 110mm Square.



Hitch Option



Single Pin Hitch



Double Pin Hitch



Double Pin Cradle Hitch



Skid Steer Mounting Frame



S4 Wear Resistant Replacement Parts



Tungsten Pilot



Rock Pilot



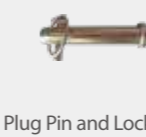
Sharp Teeth



Tungsten Teeth
Patent No.: 201520425163.4



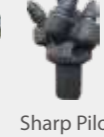
Rock Teeth



Plug Pin and Lock Pin



Hitch Pin



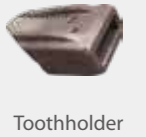
Sharp Pilot



Auger Joint



Bit Joint



Toothholder



S5/6 Wear Resistant Replacement Parts



Tungsten Pilot



Rock Pilot



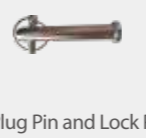
Sharp Teeth



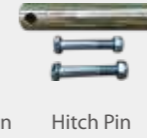
Tungsten Teeth
Patent No.: 201520425163.4



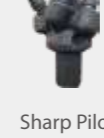
Rock Teeth



Plug Pin and Lock Pin



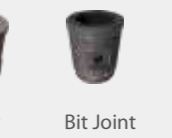
Hitch Pin



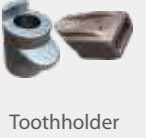
Sharp Pilot



Auger Joint



Bit Joint



Toothholder



PA Wear Resistant Replacement Parts



Rock Pilot



Auger Joint



Bit Joint



Rock Teeth



Sharp Teeth

Hole Forming Series LOG SPLITTER

Handles and recovers wood easily.
To processes felled trees into usable splinters and quickly.



| Model | GLS-180 | GLS-200 | GLS-250 |
|--------------------|---------|-----------------------------|---------|
| Suitable Excavator | | 2-12t | |
| Diameter/mm | 180 | 200 | 250 |
| Length/mm | 260 | 360 | 445 |
| Output Shaft | | Ø65mm □ 2" hex □ 75mm | |



STUMP PLANER

Stumps can be removed quickly and quietly in a very short period of time.

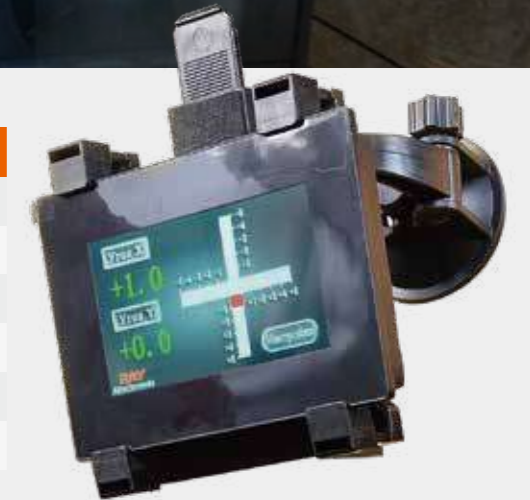


| Model | GSP-250 | GSP-350 |
|--------------------|--------------------|--------------|
| Suitable Excavator | GEA2500-4500 | GEA5000-8000 |
| Diameter/mm | 250 | 350 |
| Length/mm | 635 | 675 |
| Output Shaft | 65mm Round & 2"Hex | 75mm Square |



Hole Forming Series DRILL VERTICALITY GAUGE

| Model | Unit | GVI20 |
|-----------------------|------|-----------|
| Angle Sensor Accuracy | ° | ±0.1 |
| Sensor Dimensions | mm | 55*37*24 |
| Viewable Dimensions | mm | 140*98*22 |
| Weight | Kg | 1.14 |
| Voltage | V | 12/24 |
| Wire Length | M | 10/15/20 |



MIXER BOWL

Thoroughly mix a small amount of cement

| Auger Drill Range | GEA2000-3500 | GEA3500-8000 |
|-------------------|--------------|--------------|
| Bowl Capacity/L | 140 | 180 |
| Unit Depth/mm | 600 | 690 |
| Unit Diameter/mm | 675 | 724 |
| Unit Weight/kg | 28 | 33 |



TORQUE MONITOR

| | |
|-------------------|-------------------|
| Torque Range | Up to 10000 N.m |
| Earth Drill Range | GEA5000 - GEA8000 |
| Hitch Connection | Single Pin |
| Pin Diameter | 30mm |



Hole Forming Series PILE DRIVER



Why choose us?

- 1 The fixture is a casting, **integrally formed**, and the service life is **extended by 50%**
- 2 Valve circuit integration, **easy installation**
- 3 Application of multiple types of piles: **steel sheet piles, cement piles, H-shaped piles, round piles, square piles, etc.**
- 4 Warranty: **12 months**

18M
Piling depth

7-52 tons
Suitable tonnage

850-3800KG
Machine weight



Main markets:
Southeast Asia,
South America, Europe



Pile Driver Specification

| Model | Unit | GV-150 | GV-200 | GV-250 | GV-300 | GV-350 | GV-400 |
|-------------------------|-------|--------|---------|--------|--------|----------|--------|
| Carrier Weight | T | 12-15 | 20-22 | 23-27 | 28-35 | 36-40 | 41-55 |
| Working Pressure | Bar | ≤300 | ≤300 | ≤300 | ≤300 | ≤300 | ≤300 |
| Working Oil Flow | L/min | 69 | 110 | 165 | 220 | 256 | 303 |
| Weight | Kg | 1200 | 1400 | 1600 | 2100 | 2400 | 2500 |
| Eccentric Moment | Kg-m | 2.8 | 4.3 | 4.9 | 6.3 | 7.3 | 8.8 |
| Frequency | Rpm | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 |
| Centrifugal Force | Kn | 193 | 295 | 336 | 433 | 501 | 605 |
| Arm Weight | Kg | 400 | 700 | | | 800 | |
| Arm Length | m | 1.5 | 2 | | | 2.5 | |
| Clamp Type/Weight | Kg | | C15:450 | | | C16:548 | |
| Sheet Piles Width | mm | | 200-600 | | | 260-800 | |
| Sheet Piles Clamp Force | T | | 35 | | | 45 | |
| Tube Piles Diameter | mm | | 320-600 | | | 450-1600 | |
| Tube Piles Clamp Force | T | | 35 | | | 45 | |

Vice arm

Grade A raw material with stable quality
Length: 49-102 inches

Vibrating motor

Italian OMFB motor with satisfied quality Double oil supplement device to extend the motor lifetime

Rubbers

New design shock-absorbing block To reduce 70-80% vibration force, to protect machine self

Clip mouth

Casted clip with longer service time, save after sales cost

Rotating motor

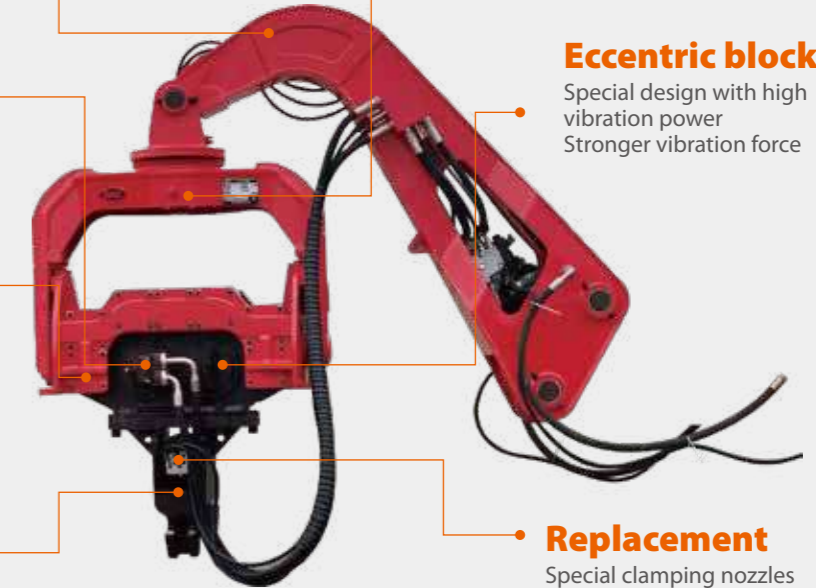
Special rotation motor power is more 30% than other brands

Eccentric block

Special design with high vibration power
Stronger vibration force

Replacement

Special clamping nozzles increased clamp force 2 times
Quickly pulling piles time without unimping the clamp



Side Grip Vibro Hammer



| Model | Unit | GV30 | GV40 | GV50 | GV60 | GV70 |
|------------------------------|--------|----------------|----------------|----------------|----------------|----------------|
| Carrier Weight | T | 13-19 | 20-23 | 24-27 | 28-33 | 34-40 |
| Working Pressure | Bar | ≤300 | ≤300 | ≤300 | ≤300 | ≤300 |
| Working Oil Flow | L/min | 80 | 110 | 165 | 221 | 256 |
| Weight | Kg | 1800 | 2630 | 2760 | 3210 | 3240 |
| Eccentric Moment | Kg-m | 3 | 4 | 5.1 | 6.3 | 7.3 |
| Centrifugal Force | Kn | 206-297 | 275-396 | 350-505 | 433-624 | 502-723 |
| Frequency | Rpm | 2500-3000 | 2500-3000 | 2500-3000 | 2500-3000 | 2500-3000 |
| Swing/Tilt Angle | Degree | 360/+25 | 360/+25 | 360/+25 | 360/+25 | 360/+25 |
| Amplitude | mm | 3.3 | 5 | 6 | 6 | 7 |
| Side Gripping Force | T | 50 | 50 | 50 | 60 | 60 |
| Clamping Force | T | 43 | 43 | 43 | 62 | 62 |
| Arm Stroke | mm | 250 | 250 | 250 | 250 | 250 |
| Dimensions(L*W*H) | mm | 1030x1485x2042 | 1350x1050x2410 | 1350x1050x2410 | 1600x1280x2610 | 1600x1280x2610 |
| Sheet Piles Width | mm | 400-800 | | 350-800 | | 400-1000 |
| H-Beams | mm | H100- H400 | | H200-H500 | | H250-H500 |
| Tinber Piles | mm | φ220-325 | | φ120-400 | | φ160-600 |
| Tube Piles | mm | φ90-350 | | φ120-400 | | φ160-600 |
| Max Pile Length(Common Soil) | m | 12 | 12 | 12 | 18 | 18 |
| Max Camping Pile Weight | Kg | 600 | 1000 | 1000 | 1500 | 1500 |

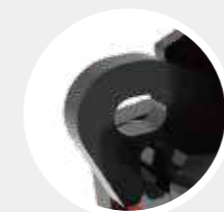


CONNECTION SERIES

Connection Series MULTI QUICK HITCH

Why choose us?

- 1 Safety: Triple-lock design ensures reliability and security.
- 2 Convenience: Fully automated operation eliminates the need to leave the driver's seat.
- 3 Wide Compatibility: Slide safety system matches various attachments widely.



Lifting Hole
For hanging goods

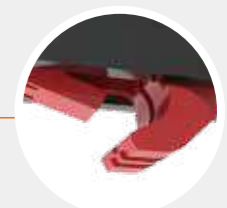


Hydraulic Cylinder
Longer service life by special cylinder



Front Lock
Automatically secures the attachments to the coupler quickly.

The front jaw hug the pin tightly, more safety for operation.



Rear Lock
The lower half hooks and wedges to catch the pins, make sure the jaw is secure to grip the pins.



Dual locking system makes the operation safer. Attachments never fall down even the cylinder broken.

Connection Series MULTI QUICK HITCH

Quick Hitch Specification

| Model | Unit | GQH01M | GQH01D | GQH02M | GQH02D |
|-----------------|-------|---------|---------|---------|---------|
| Carrier | T | 1~2 | 2~4 | 2.5~4 | 4~6 |
| Oil Pressure | Bar | 40~248 | 40~248 | 40~248 | 40~248 |
| Oil Flow | L/min | 10~20 | 10~20 | 10~20 | 10~20 |
| Pin Diameter | mm | 30 | 35/40 | 40/45 | 40/45 |
| C-to-C Distance | mm | 115~140 | 160~200 | 185~220 | 215~250 |
| Arm Width | mm | 100~125 | 110~125 | 125~140 | 145~180 |
| Hose | Inch | 1/4 | 1/4 | 1/4 | 1/4 |
| Unit Weight | Kg | 21 | 31 | 47 | 60 |
| Length | mm | 370 | 400 | 570 | 570 |
| Width | mm | 200 | 220 | 280 | 280 |
| Height | mm | 210 | 225 | 305 | 305 |

| GQH04M | GQH04D | GQH06M | GQH06D | GQH08M | GQH08D | G QH10M |
|---------|---------|---------|---------|---------|---------|--------------|
| 4~6 | 6~8 | 10~15 | 10~15 | 15~27 | 15~27 | 27~35 |
| 40~248 | 40~205 | 40~205 | 40~205 | 40~205 | 40~205 | 40~205 |
| 10~20 | 10~20 | 10~20 | 10~20 | 10~20 | 10~20 | 10~20 |
| 45/50 | 50/55 | 60/65 | 65 | 70/80 | 80/90 | 90/ 100/ 110 |
| 255~290 | 262~320 | 340~400 | 355~420 | 380~435 | 425~485 | 460~550 |
| 150~180 | 185~220 | 215~250 | 250~270 | 300~340 | 305~340 | 350~390 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 70 | 97 | 160 | 170 | 275 | 310 | 427 |
| 585 | 655 | 745 | 876 | 940 | 985 | 1065 |
| 290 | 312 | 390 | 390 | 475 | 475 | 510 |
| 305 | 335 | 420 | 420 | 505 | 505 | 565 |



Connection Series TILTING QUICK HITCH

Why choose us?

- 1 Flexible operation: 140-180° tilt angle make the project operate flexibly even in the tight spaces.
- 2 Safety: Triple-lock design ensures reliability and security.
- 3 Convenience: Fully automated operation eliminates the need to leave the driver's seat.

Make the attachment more flexible to complete the movement in the smallest space



Tilting Quick Hitch Specification

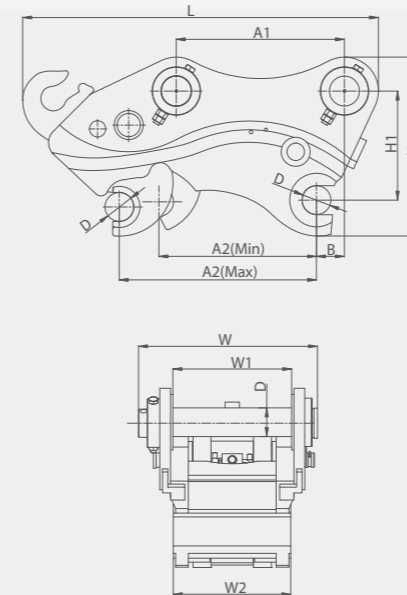
| Model | Unit | GQH01T | GQH02T | GQH04T | GQH06T | GQH08T |
|-------------------------------|-------|---------|----------|---------|---------|---------|
| Carrier Weight | T | 1-3 | 4-6 | 6-8 | 10-15 | 15-23 |
| Tilting Working Max Pressure | Bar | 210 | 210 | 210 | 210 | 210 |
| Tilting Working Oil Flow | L/min | 2-3 | 6-10 | 15-20 | 20-25 | 25-32 |
| Cylinder Working Max Pressure | Bar | 200 | 200 | 200 | 200 | 200 |
| Cylinder Working Oil Flow | L/min | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 |
| Pin diameter | mm | 30 | 40/45/50 | 50/55 | 60/65 | 70/80 |
| C-C distance | mm | 105-140 | 215-255 | 262-320 | 355-420 | 380-435 |
| Arm width | mm | 110-125 | 145-180 | 185-220 | 250-270 | 300-340 |
| Tilt Angle | ° | 180 | 180 | 140/180 | 140/180 | 140 |
| Tilt Torque | N.m | 900 | 2800 | 7200 | 10600 | 14690 |
| Remaining Torque | N.m | 2400 | 7200 | 20000 | 26000 | 43000 |



Connection Series HYDRAULIC QUICK HITCH

Why choose us?

- 1 Free type with wider cylinder stroke, fit to wider excavator range
- 2 100% match your excavator pin size.
- 3 High precision (tolerance can be 0.18μm)
- 4 Blasting process with perfect welding



Hydraulic Quick Hitch Specification

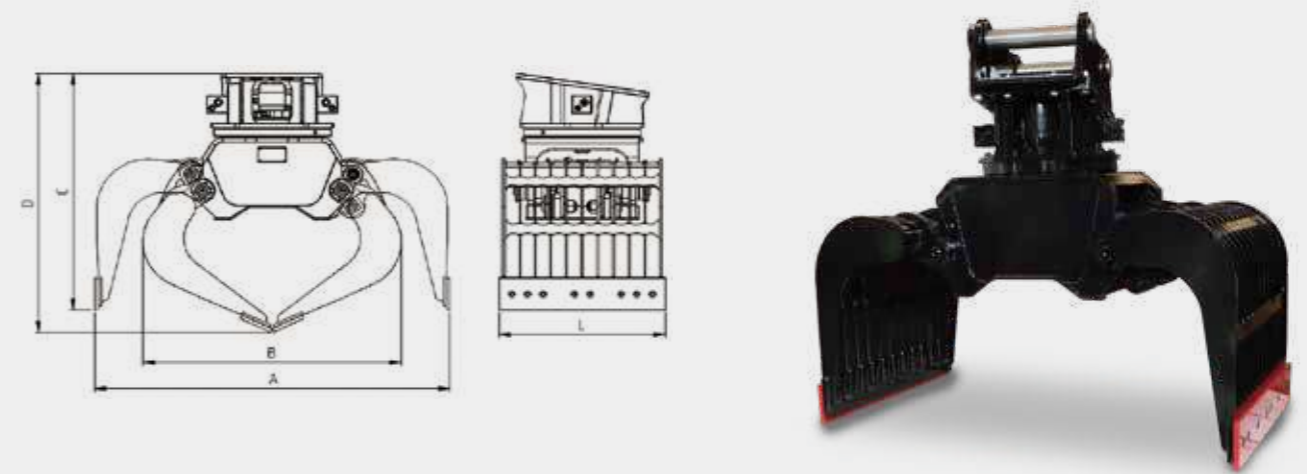
| Model | Unit | GQH-MINI | GQH-02 | GQH-04 | GQH-06 | GQH-08 | GQH-10 | GQH-14 | GQH-20 | |
|------------------------------------|-------|----------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| Suitable Carrier | T | ≤4 | 4-6 | 7-8 | 12-18 | 19-24 | 25-32 | 35-40 | 50-80 | |
| Working Pressure | Bar | 40-380 | 40-380 | 40-380 | 40-380 | 40-380 | 40-380 | 40-380 | 40-380 | |
| Oil Flow | L/min | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 | |
| Length | L | mm | 306-475 | 534-545 | 600 | 765 | 924-944 | 983-1050 | 1006-1173 | 1215-1425 |
| Height | H | mm | 230-268 | 307 | 310 | 388 | 492 | 574 | 558-610 | 622-780 |
| Width | W | mm | 175-242 | 258-263 | 270-280 | 353-436 | 449-483 | 543-568 | 606-663 | 640-740 |
| Pin to Pin Distance | A1 | mm | 86-200 | 230-270 | 290-360 | 380-420 | 460-480 | 473-540 | 550-620 | 630-760 |
| Arm Width | W1 | mm | 86-185 | 155-170 | 180-200 | 232-315 | 306-340 | 375-411 | 416-469 | 472-560 |
| Distance Between Up and Bottom Pin | H1 | mm | 159-165 | 150 | 195 | 220 | 275 | 300 | 360 | 370-470 |
| Pin Diameter | D | mm | 25-40 | 45-50 | 50/55 | 60/65 | 70/80 | 90 | 100/110 | 120/150 |
| Weight | kg | 60 | 100 | 120 | 250 | 370 | 615 | 750 | 1000 | |

GRAB SERIES

Why choose us?

- 1 Stability: Top Brand Hydraulic Motor Parker.
- 2 Durability: Durable Material Hardox/ NM400
- 3 Ingenious Design for More Flexible Operation.

Grab Series DEMOLITION GRAPPLE



Specification for Demolition & Sorting Grapple

| Model | Unit | GCG-mini | GCG-01 | GCG-02 | GCG-04 | GCG-06 | GCG-08 | GCG-10 | GCG-14 | GCG-17 |
|-------------------------------|--------|----------|---------|--------|--------|--------|--------|--------|--------|--------|
| Carrier Weight | Ton | 1-2.5 | 2.5-4.5 | 4-6 | 6-10 | 10-15 | 16-22 | 23-26 | 27-30 | 31-37 |
| Cylinder Max Working Pressure | Bar | 250 | 250 | 300 | 350 | 350 | 350 | 350 | 350 | 350 |
| Cylinder Working Oil Flow | L/min | 6-13 | 8-15 | 10-20 | 15-30 | 30-65 | 40-80 | 55-110 | 55-110 | 95-165 |
| Safety valve | / | N | N | N | N | Y | Y | Y | Y | Y |
| Motor Max Working Pressure | Bar | 250 | 100 | 100 | 100 | 140 | 140 | 140 | 140 | 140 |
| Motor Working Oil Flow | L/min | 4-6 | 6-9 | 8-12 | 8-12 | 12-20 | 12-20 | 14-20 | 14-20 | 28-40 |
| Rotation System | Tr/min | 10/15 | 10/15 | 10/15 | 10/15 | 10/15 | 10/15 | 10/15 | 10/15 | 10/15 |
| Force | N | 10000 | 12000 | 19000 | 25000 | 40000 | 50000 | 60000 | 62000 | 93000 |
| A | mm | 750 | 1090 | 1180 | 1290 | 1710 | 1845 | 2000 | 2100 | 2270 |
| B | mm | 570 | 770 | 850 | 960 | 1245 | 1375 | 1440 | 1465 | 1630 |
| C | mm | 720 | 770 | 840 | 910 | 905 | 1000 | 1050 | 1190 | 1275 |
| D | mm | 730 | 760 | 850 | 930 | 1080 | 1100 | 1290 | 1375 | 1425 |
| L | mm | 330 | 400 | 460 | 550 | 800 | 900 | 1010 | 1130 | 1210 |
| Volume | L | 50 | 77 | 105 | 147 | 395 | 470 | 700 | 820 | 1080 |
| Weight | Kg | 115 | 210 | 260 | 370 | 745 | 950 | 1230 | 1500 | 2100 |
| With with Frame Bracket | kg | 122 | 238 | 310 | 433 | 900 | 1142 | 1443 | 1760 | 2848 |

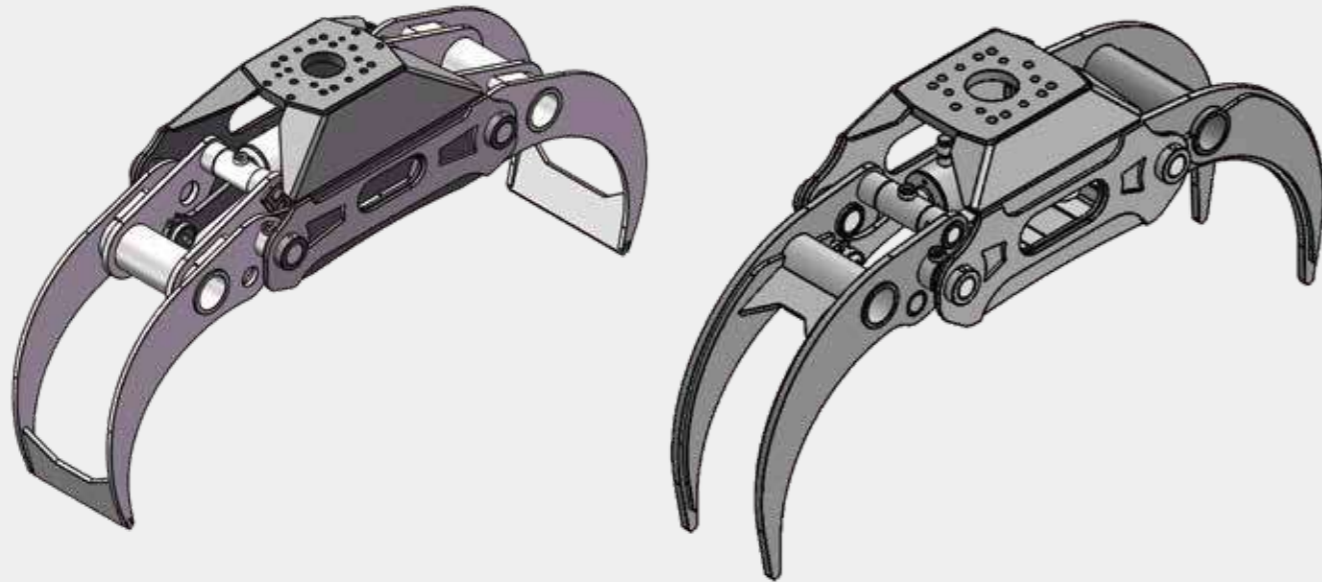


Grab Series LOG GRAB



Why choose us?

- 1 360 degree rotation system
- 2 NM400 material with longer service life
- 3 Light weight with powerful grabbing force
- 4 Wider opening size from 1000-2000mm



Grab Series GRAPPLE



Stone Grapple



Wood Grapple

Stone/Wood Grapple Specification

| Model | Unit | GHG03 | GHG04 | GHG06 | GHG08 | GHG10 | GHG14 |
|------------------|--------|---------|---------|---------|---------|---------|---------|
| Carrier Weight | T | 4-6 | 7-11 | 12-16 | 17-23 | 24-30 | 31-40 |
| Working Pressure | Bar | 110-140 | 120-160 | 150-170 | 160-180 | 160-180 | 180-200 |
| Working Oil Flow | L/min | 30-55 | 50-100 | 90-110 | 100-140 | 130-170 | 200-250 |
| Weight | Kg | 320 | 390 | 740 | 1380 | 1850 | 1900 |
| Max Jaw Opening | mm | 1300 | 1400 | 1800 | 2300 | 2500 | 2500 |
| Setting Pressure | Bar | 170 | 180 | 190 | 200 | 210 | 250 |
| Cylinder | Pcs | 2 | 2 | 2 | 2 | 2 | 2 |
| Standard | Finger | | | | 2+3 | | |
| Optional | Finger | | | | 3+4 | | |

* This specifications are subject to change without prior notice for the improvement of quality.



Log Grab Specification

| Model | Unit | GLG1000 | GLG1200 | GLG1400 | GLG1700 | GLG2000 |
|-------------------------|-------|---------|---------|---------|---------|---------|
| Carrier Weight | T | 1-3 | 1-5 | 5-7 | 12-16 | 17-24 |
| Cylinder Pressure | Bar | 250 | 250 | 250 | 250 | 250 |
| Cylinder Oil Flow | L/min | 12~20 | 17~30 | 23~45 | 33~65 | 50~90 |
| Rotation Pressure | Bar | 250 | 250 | 250 | 250 | 250 |
| Rotation Oil Flow | L/min | 4~6 | 4~6 | 6~8 | 9~13 | 12~18 |
| Weight | Kg | 69 | 82 | 139 | 260 | 365 |
| Cylinder clamping power | Kn | 80 | 105 | 105 | 155 | 155 |
| Jaw opening | mm | 1000 | 1200 | 1400 | 1700 | 2000 |

DEMOLITION SERIES

Demolition Series SCRAP SHEAR

Why choose us?

- 1 Imported blades from Germany with a longer lifetime
- 2 100% Danfoss & Parker motors
- 3 Italian production process and standards
- 4 The oil cylinder is specially designed to increase the bite force by 30%
- 5 The speed valve speeds up the efficiency, the instantaneous force is large, and other parts are protected
- 6 360° rotation, full direction using
- 7 Warranty for 12 months



1 New Piercing Tip
Bolted blades on piercing tip for fast replacement, eliminating time-consuming rebuilding of the tip

2 Double Guide
Twin guide on the movable jaw ensures optimal alignment

3 Frontal Blade
The front blade ensures accurate shearing and can be turned

4 New Jaw Design
New fixed jaw design increases cutting capacity, while material easily falls away

5 New Manto-Autolube System®
Shears above 7 tons are equipped with unique Manto-Autolube greasing system, ensuring that all moving parts in the shear are regularly greased

6 All New Blades
All blades have been redesigned in a rhomboid shape to reduce stress on the jaws. Each blade can be turned effectively 3 times. The new blades are threaded for easier removal and installation

7 All New Cylinders
Increased cylinder size for 20% more power. Forged cylinder rod for a better functionality and security. Reversed cylinder installation for maximum rod protection

8 Rotation Group with Anticavitation Valve
360° continuous rotation enables always the perfect positioning of the shear

9 Patented Speed Valve
The patented Speed Valve on cylinder reduces cycle times, regenerates power when required and protects the shear eliminating pressure peaks

10 Central Pin Adjustment Kit
has a unique central pin layout: it allows for regular adjustment of the pin to ensure perfect shearing. The pin can be removed for maintenance of all related parts

Scrap Shear Specification

| Model | GH25R | GH50R | GH100R | GH130R | GH180R | GH310R | GH410R | GH550R | GH700R |
|----------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| Excavator Weight(T) | 2-4 | 4-6 | 7-10 | 13-17 | 18-25 | 30-40 | 45-55 | 55-65 | 75-85 |
| Weight(Kg) | 380 | 650 | 1100 | 1220 | 2100 | 3300 | 4700 | 5750 | 7700 |
| Jaw Opening Size(mm) | 195 | 290 | 375 | 375 | 445 | 565 | 670 | 760 | 830 |

Demolition Series PULVERIZER

Why choose us?

- 1 It is made for primary demolition
- 2 Imported blades for rebar cutting
Four sides of blade can be replaced
- 3 The special jaw increases the capacity to penetrate cement
- 4 The 360° rotation for option



Pulverizer Specification

| Model | GP10-IT | GP16 | GP16-IT | GP18 | GP20-IT | GP25 | GP30-IT |
|----------------------|---------|-------|---------|-------|---------|-------|---------|
| Excavator Weight(T) | 10-15 | 16-20 | 16-20 | 21-26 | 21-26 | 27-35 | 27-35 |
| Weight(Kg) | 1100 | 1720 | 1690 | 2000 | 2000 | 2750 | 2850 |
| Jaw Opening Size(mm) | 580 | 700 | 700 | 760 | 750 | 930 | 900 |



A. Hydraulic Crusher

| Model | Unit | CR5R | CR15R | CR20R | CR26R |
|------------------|------|------|-------|-------|-------|
| Suitable Carrier | Ton | 5-14 | 14-18 | 18-24 | 24-35 |
| Weight | Kg | 530 | 1500 | 2100 | 2800 |
| Jaw Opening | mm | 450 | 850 | 1050 | 1100 |

The CR*R demolition crusher attachments is made for primary demolition. Which demolishing or removing building structures in reinforced concrete. Technical use of the most modern steels gives the perfect combination of tools strength, light weight and optimum wear resistance. This allows dedicated and precise demolition, limiting noisiness and vibrations. The 360° rotation or not depends on your demands.



B. Fixed Pulverizer

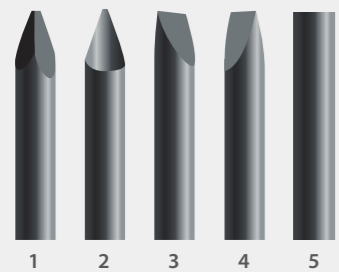
| Model | Unit | MCP480 | MCP600 | MCP700 | MCP800 | MCP910 |
|------------------|------|--------|--------|--------|--------|--------|
| Suitable Carrier | Ton | 4-10 | 10-18 | 16-22 | 18-25 | 25-35 |
| Weight | Kg | 450 | 1000 | 1650 | 2050 | 2850 |
| Jaw Opening | mm | 480 | 630 | 800 | 850 | 1000 |

The new and innovative range of MCP Fixed Pulverizers are the perfect equipment for secondary demolition. The most effective methods of secondary crushing and rebar separation. All MCP Fixed Pulverizers are manufactured using the most modern steels combining strength, with excellent wear resistant properties.

Demolition Series HYDRAULIC BREAKER

Why choose us?

1. Top match with high precision between 20CrMo material forged cylinder and 40CrNiMoA material piston. Thermal expansion coefficient is similar to these kinds of material, making striking power persistent stability and durability.
2. Precise grinding piston process, ensure tolerance less than 0.01mm between and cylinder, assures striking power.
3. Liquid nitrogen cooling assembly process, makes the 20CrMo material front cover & ring bush and 20CrMo material grinding front head match tightly, wear-resistant, prevents cylinder damage.
4. Ensure the quality of materials, precise grinding, heat treatment, and assembly precision to reduce the risk of damaged front heads, and cylinders, increasing striking power.



| CHISEL TYPE | APPLICATIONS |
|----------------------|------------------------------|
| 1 Moil Point Type(M) | Universal |
| 2 Conical Type(C) | Multiple Purpose |
| 3 H-wedge Type(H) | Trenching, Asphalt, Concrete |
| 4 V-wedge Type(V) | Trenching, Asphalt, Concrete |
| 5 Blunt Type(B) | Boulders Concrete |



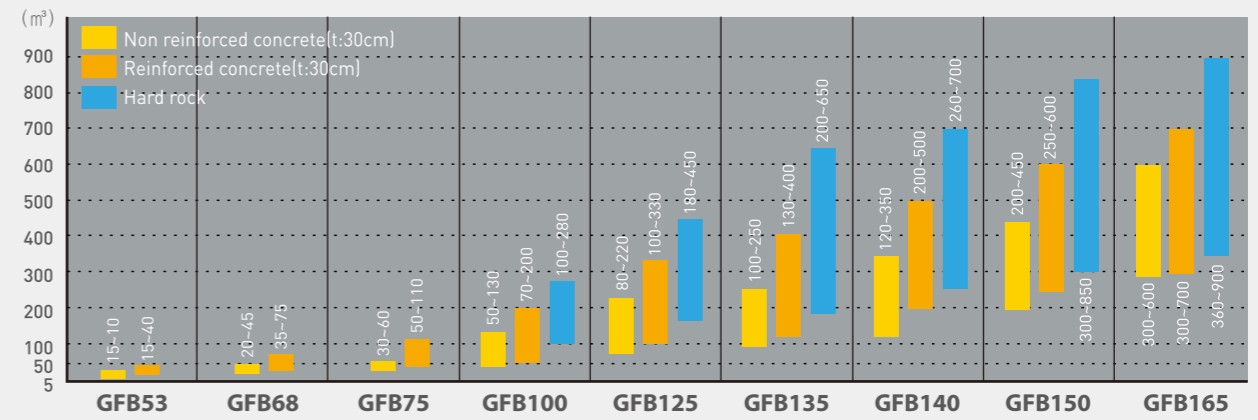
Top Type

1. Easy to locate and control.
2. More conducive to excavate.
3. Weight lighter, the lower risk of broken chisels.



Box-Silenced type

1. Reduce noise.
2. Protect the environment.



Side Type

1. Overall length shorter.
2. Hook back things conveniently.
3. Maintenance-free.



Backhoe Loader Type

for JCB3CX, 4CX, Case580, CAT 416D, John Deere 310J, 410J.



Skid Steer Loader Type

for Bobcat185, CAT 216, CAT 226, 262 and other brands.

GFB Series Hydraulic Breaker Specification

| Item | Unit | GFB45 | GFB53 | GFB68 | GFB75 | GFB85 | GFB100 | GFB125 | GFB135 | GFB140 |
|-------------------------|-------|----------|----------|---------|---------|-----------|-----------|-----------|-----------|-----------|
| Suitable Carrier | T | 1.2-3.0 | 2.5-4.5 | 4-7 | 6-9 | 7-14 | 10-15 | 15-18 | 18-26 | 18-26 |
| Working Pressure | Bar | 90-120 | 90-120 | 110-140 | 120-150 | 130-160 | 150-170 | 150-170 | 160-180 | 160-180 |
| Working Oil Flow | L/min | 20-40 | 20-50 | 40-70 | 50-90 | 60-100 | 80-110 | 90-120 | 120-140 | 120-140 |
| Body Weight | Kg | 71 | 89 | 156 | 214 | 282 | 479 | 620 | 850 | 920 |
| Total Weight (Side) | Kg | 95 | 158 | 263 | 334 | 559 | 761 | 1227 | 1653 | 1774 |
| Total Weight (Top) | Kg | 95 | 158 | 343 | 409 | 637 | 866 | 1308 | 1847 | 2059 |
| Total Weight (Box) | Kg | 129 | 180 | 361 | 450 | 733 | 1007 | 1371 | 1893 | 2011 |
| Impact Energy frequency | Bpm | 700-1200 | 600-1100 | 500-900 | 400-800 | 400-800 | 350-700 | 350-650 | 400-600 | 350-550 |
| Impact Energy | J | 210-240 | 290-320 | 590-630 | 600-640 | 1140-1190 | 1690-1720 | 2480-2530 | 2670-2980 | 3180-3330 |
| Diameter of Hose | Inch | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 1 | 1 | 1 |
| Diameter of Tool | mm | 45 | 53 | 68 | 75 | 85 | 100 | 125 | 135 | 140 |
| Weight of Tool | Kg | 8 | 9 | 18 | 22 | 29 | 57 | 94 | 115 | 135 |
| Valve Type | / | Inward | Inward | Inward | Inward | Inward | Inward | Inward | Inward | Inward |
| Accumulator | / | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| Item | Unit | GFB155 | GFB165 | GFB175 | GFB185 | GFB195 | GFB200 | GFB210 | GFB220 | GFB230 |
|-------------------------|-------|-----------|-------------|-------------|-------------|---------|---------|---------|---------|---------|
| Suitable Carrier | T | 28-35 | 30-40 | 35-40 | 40-55 | 50-65 | 55-75 | 65-90 | 75-100 | 80-120 |
| Working Pressure | Bar | 160-180 | 160-190 | 160-190 | 200-250 | 200-250 | 200-260 | 200-260 | 200-260 | 200-260 |
| Working Oil Flow | L/min | 180-240 | 200-260 | 210-270 | 220-270 | 270-320 | 285-335 | 300-380 | 385-440 | 390-460 |
| Body Weight | Kg | 1313 | 1590 | 1935 | 2375 | 2823 | 3077 | 3400 | 3939 | 4153 |
| Total Weight (Side) | Kg | 2577 | 3277 | 3880 | 4365 | 4841 | 5617 | 6600 | 7700 | 8503 |
| Total Weight (Top) | Kg | 2745 | 3447 | 4032 | 4844 | 5374 | 6547 | 7227 | 8147 | 10000 |
| Total Weight (Box) | Kg | 2968 | 2975 | 3877 | 4800 | 5330 | 5966 | 7000 | - | - |
| Impact Energy frequency | Bpm | 300-450 | 250-380 | 200-350 | 150-200 | 150-200 | 150-200 | 140-180 | 140-180 | 130-170 |
| Impact Energy | J | 6300-6500 | 11150-11400 | 11925-12200 | 15740-16500 | 23000 | 27500 | 31871 | 36651 | 40316 |
| Diameter of Hose | Inch | 1 1/4 | 1 1/4 | 1 1/4 | 1 1/4 | 1 1/4 | 1 1/4 | 1 1/2 | 1 1/2 | 1 1/2 |
| Diameter of Tool | mm | 155 | 165 | 175 | 185 | 195 | 200 | 210 | 220 | 230 |
| Weight of Tool | Kg | 190 | 204 | 235 | 287 | 315 | 315 | 365 | 427 | 479 |
| Valve Type | / | Inward | Inward | Inward | Outward | Outward | Outward | Outward | Outward | Outward |
| Accumulator | / | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

Demolition Series HYDRAULIC BREAKER SPARE PARTS



Control Valve



Mounted Pin Kit



Rod Pin and Stop Pin

Piping Kit



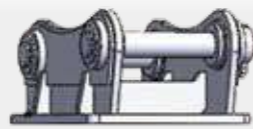
Hoses



Hydraulic Piping kits



Accumulator



Piston



Side Bolts



Back Head



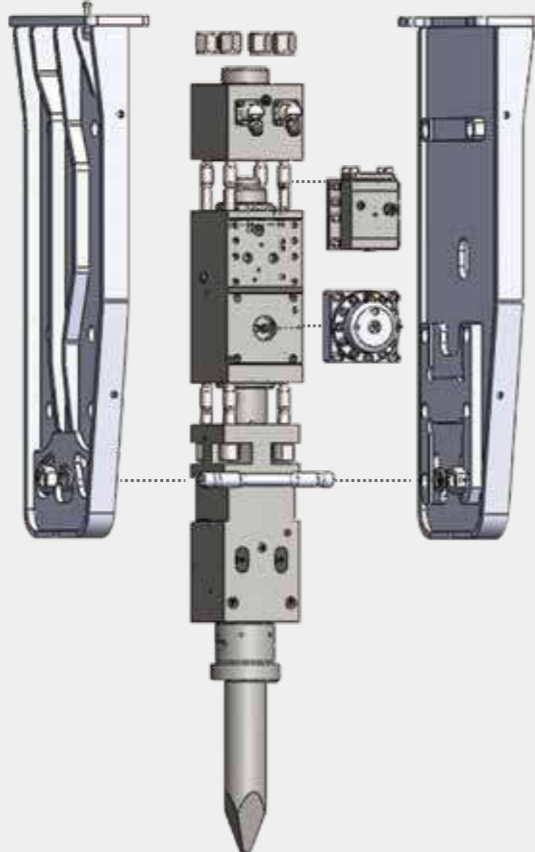
Stop Valve



Pedal Valve



Front Cover



Front Head Ass'y



Through Bolts



Filter and Accumulator(option)



Pipe Clamp



Ring Bushes



Cylinder with Piston



Relief Valve



Solenoid Valve



N₂ Charging Kit

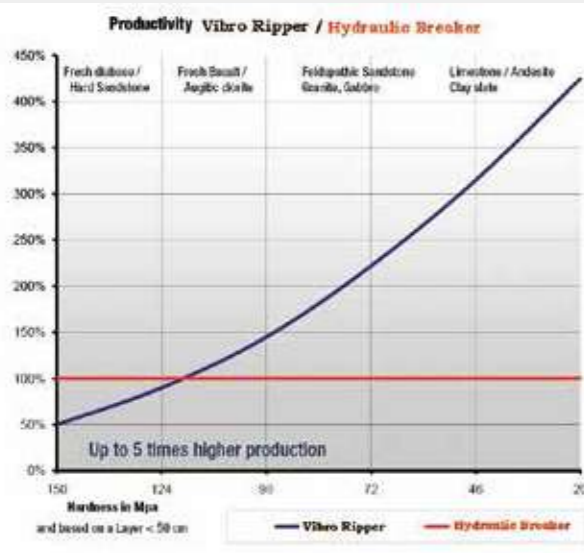


Seal Kits

Demolition Series VIBRO RIPPER

Why choose us?

- 1 Proven production process: cast steel parts - stable and durable, tempering treatment - stress relief.
- 2 Durable materials and top-brand components for all key parts. Parker hydraulic Motor, SKF Bearing, DILLINGER 500 durable steel blade.



Application:

- Mass demolition, civil construction.
- Open pit mining area, tunneling.
- Downtown construction site.
- Noise restriction area.
- Cracked rock and layered rock.

Features:

- Productivity can reach up to 5 times as equivalent to breaker.
- Low noise level (Approx.30dBA lower than equivalent breaker).
- Underwater works.
- All units are tested before be delivered to the customer.

Vibro Ripper Specification

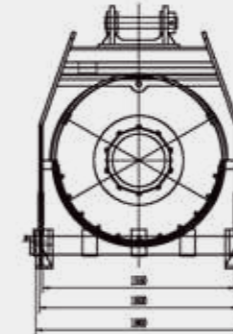
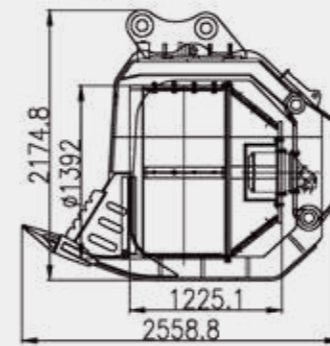
| Model | Unit | GVR30 | GVR40 | GVR50 | GVR60 | GVR-E7 | GVR-D8 | GVR-D10 |
|------------------|-------|---------|---------|---------|---------|---------|---------|---------|
| Carrier Weight | T | 20-25 | 25-29 | 30-36 | 36-46 | 46-60 | 60-90 | 90-120 |
| Working Pressure | Bar | 260-310 | 260-310 | 260-310 | 260-310 | 260-310 | 260-310 | 260-310 |
| Working Oil Flow | L/min | 120-170 | 145-195 | 155-210 | 175-250 | 308-400 | 350-450 | 450-675 |
| Weight | Kg | 4000 | 4300 | 5200 | 5500 | 7000 | 10000 | 14500 |
| Power | Kw | 75 | 75 | 85 | 102 | 170-210 | 204-255 | 255-320 |
| Motor | Cc | 90 | 90 | 110 | 125 | 110*2 | 125*2 | 110*3 |
| Impact Force | Kn | 295 | 315 | 385 | 450 | 550 | 750 | 860 |
| Length | mm | 2780 | 2780 | 3235 | 3235 | 3765 | 4030 | 4340 |
| Width | mm | 960 | 960 | 1110 | 1110 | 1180 | 1160 | 1160 |
| Height | mm | 1400 | 1400 | 1565 | 1565 | 1775 | 1900 | 2360 |

* GVR-XX: single motor type, GVR-EX: double motors type, GVR-DX: double motors and four eccentric blocks type.

Demolition Series ROTARY SCREEN BUCKET

Why choose us?

1. It can be used in a variety of working conditions, and the excavation and separation are completed at one time.
2. Widely used in municipal, agriculture, water conservancy, earthwork, etc, especially suitable for screening cobblestone, sediment, ore, construction waste and other materials screening conditions.
3. Simple operation and high work efficiency.



Rotary Screen Bucket Specification

| Model | Unit | GSB-06 | GSB-08 | GSB-10 | GSB-14 |
|-------------------------|------------------|--------|---------|---------|---------|
| Carrier Weight | T | 6-10 | 11-18 | 19-29 | 30-40 |
| Working Pressure | Bar | 80-120 | 120-140 | 160-230 | 240-280 |
| Working Oil Flow | L/min | 60-80 | 100-120 | 140-160 | 200-220 |
| Weight | Kg | 460 | 1400 | 2000 | 3200 |
| Basket Volume | Cbm | 0.4 | 0.8 | 1.3 | 2.2 |
| Screen Bucket Mesh Size | Cobblestone (cm) | 1-5 | 1-5 | 1-5 | 1-5 |
| | Wash Sand (cm) | 0.2-1 | 0.2-2 | 0.2-3 | 0.2-4 |
| | Mining (cm) | 8-10 | 8-10 | 8-10 | 8-10 |

Demolition Series CRUSHER BUCKET

Why choose us?

1. Belt drive design, provide overload protection; MITSUBOSHI belt, strong and durable, not easy to break
2. The opening size is enlarged, which is the largest size in the market at present; improve the production capacity.
3. Customised Italian Casappa hydraulic motor, reducing the requirement for excavator pressure & oil flow.
4. Equipped with relief valve to protect the hydraulic system.
5. Structure made of NM400 material, prolongs the service life.
6. Simple operation and easy maintenance
7. Crushing jaw plate is easy to replace
8. Particle size adjustment without special tools



Features:

- Simple operation and maintenance
- Contains NM400 material, efficient and durable
- High productivity
- Save time and reduce costs
- Crushing jaw plate is easy to replace.
- Particle size adjustment without special tools

| Model | Unit | GMB80 | GMB120 |
|---------------------|---------|----------------|----------------|
| Carrier Weight | T | 20-30 | 30-40 |
| Working Pressure | Bar | ≤230 | ≤230 |
| Working Oil Flow | L/min | 150-200 | 190-230 |
| Weight | Kg | 3500 | 5500 |
| Bucket Capacity | Cbm | 0.8 | 1.3 |
| Size | mm | 2080*1425*1600 | 2500*1650*1800 |
| Bucket Opening Size | W*H(mm) | 910*510 | 1350*540 |

| Model | GMB80 | GMB120 |
|-------|-------|--------|
| 20mm | 12 | 20 |
| 30mm | 15 | 25 |
| 40mm | 18 | 28 |
| 50mm | 22 | 30 |
| 60mm | 25 | 33 |
| 70mm | 28 | 35 |
| 80mm | 30 | 40 |
| 90mm | 33 | 43 |
| 100mm | 35 | 47 |
| 110mm | / | 50 |
| 120mm | / | 55 |
| 130mm | / | 58 |

Demolition Series SCREENING BUCKET

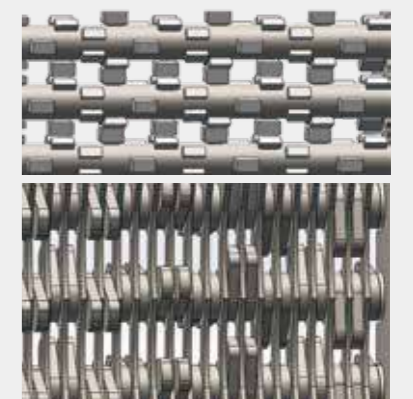
Why choose us?

1. Installed on general excavators and loaders, the hydraulic power of the host machine is used.
2. The excavator driver controls the rollers of the bucket by operating the foot valve in the cab.
3. The rollers rotate in both forward and reverse directions. The mixed materials are mixed and stirred, and the mixed materials fall down under the action of the rollers and the weight of the materials.



Screening Bucket

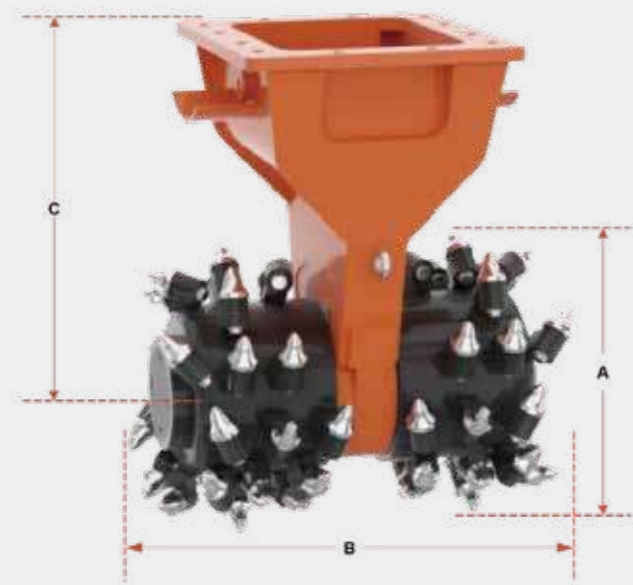
| Model | Unit | GT07 | GT20 | GT30 | GT40 |
|------------------|----------------|-------------|-------------|-------------|-------------|
| Carrier Weight | T | 10-18T | 18-25T | 25-30T | 30-45T |
| Working Pressure | Bar | ≤300 | ≤300 | ≤300 | ≤300 |
| Working Oil Flow | L/min | 80-200 | 120-200 | 150-220 | 200-320 |
| Weight | Kg | 1260 | 2010 | 2640 | 3050 |
| Storage Capacity | m ³ | 0.7 | 1.2 | 1.7 | 2 |
| Suitable Machine | Excavator | 10-18T | 18-25T | 25-30T | 30-45T |
| | Wheel Loaders | 5-9T | 9-14T | 12-22T | 14-30T |
| L*W*H | m | 1.9*1.5*1.3 | 1.9*1.5*1.6 | 2.4*1.5*1.6 | 2.7*1.5*1.6 |



Demolition Series DRUM CUTTER

Why choose us?

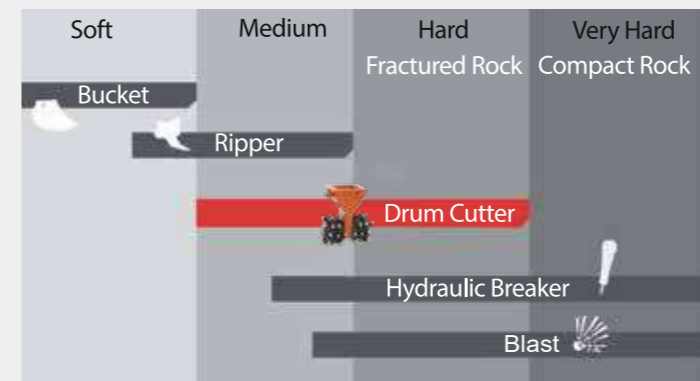
1. Wide range of applications: Drum Cutter is ideal for trenching, profiling rock and concrete walls, tunneling, quarrying, demolition, dredging, finishing operations and underwater works.
2. Strong effectiveness in specific scenarios: They are highly effective where conventional excavation systems are too weak and percussion systems have little effect.
3. Quiet operation for sensitive areas: Their quiet operation allows them to be put to work near sensitive areas (residential zones, hospitals, schools, bridges and infrastructures).



Drum Cutter Specification

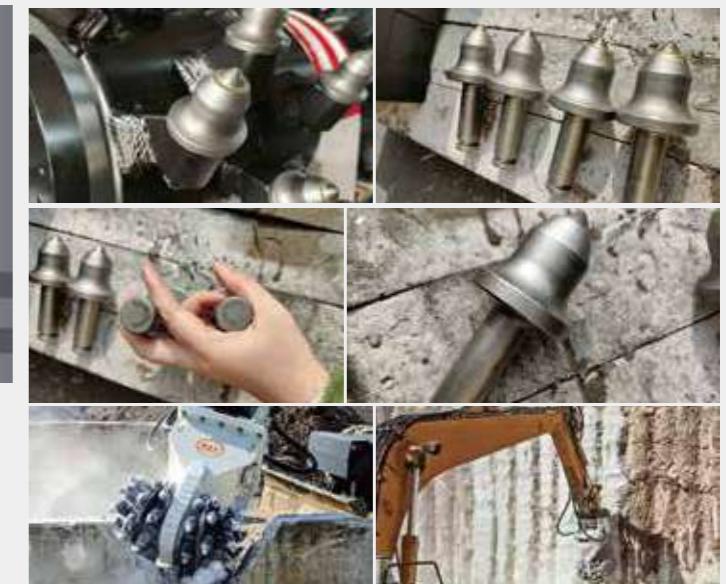
| Model | Unit | GDC100 | GDC150 | GDC200 | GDC300 | GDC400 |
|------------------|-------|-------------|-------------|--------------|--------------|--------------|
| Carrier | T | 3-16 | 12-18 | 18-30 | 25-40 | 25-60 |
| Working Pressure | Bar | 400 | 400 | 400 | 400 | 400 |
| Working Oil Flow | L/min | 40-125 | 90-125 | 120-150 | 130-240 | 130-190 |
| Weight | Kg | 381 | 580 | 1370 | 1400 | 1800 |
| Max Power | Kw | 29 | 41 | 70 | 110 | 140 |
| Rotary Speed | Rpm | 100-160 | 80-160 | 50-100 | 63-100 | 50-80 |
| Torque | N.m | 1033-3260 | 1858-4960 | 4338-11178 | 9695-16688 | 13913-23893 |
| Displacement | MI/r | 260-820 | 467-1248 | 1091-2812 | 2439-4198 | 3500-6011 |
| Cutting Teeth | Pcs | 44 | 44 | 48 | 48 | 56 |
| A*B*C | mm | 420*740*585 | 420*780*615 | 420*1060*830 | 420*1155*830 | 420*1350*875 |

Suitable Operating Condition



Features:

- Precise cut
- Low vibrations
- High performance
- Low noise level
- Deep and narrow trenches
- Underwater works
- Maintenance-free
- Milled material reused onsite



Drum Cutter-Single Drum

| Model | Unit | GDC100V | GDC150V | GDC200V |
|------------------|-------|-------------|--------------|--------------|
| Carrier | T | 2.5-6 | 8-15 | 18-30 |
| Working Pressure | Bar | 400 | 400 | 400 |
| Working Oil Flow | L/min | 25-40 | 45-85 | 120-150 |
| Weight | Kg | 210 | 750 | 750 |
| Max Power | Kw | 41 | 70 | 110 |
| Rotary Speed | Rpm | 80-160 | 50-100 | 63-100 |
| Torque | N.m | 1858-4960 | 4338-11178 | 9695-16688 |
| Displacement | MI/r | 467-1248 | 1091-2812 | 2439-4198 |
| Cutting Teeth | Pcs | 26 | 32 | 32 |
| A*B*C | mm | 370*430*850 | 450*650*1200 | 450*650*1200 |

Demolition Series PILE BREAKER

Why choose us?

1. Outstanding operational performance: Hydraulic Pile Breaker features easy operation, high efficiency, low noise, low cost, safety, and reliability. It causes no impact on the main body of the pile and does not affect the pile's load-bearing capacity.
2. Project efficiency improvement: It significantly shortens the project cycle and is suitable for pile-group works.
3. Official recommendation recognition: As one of the most recommended attachments by government construction supervision departments, it gains authoritative recognition in the industry.



| Model | Unit | SG380(Light duty) | | | | | | SG800(Heavy duty) | | | | | | | |
|---------------------------------------|---------|-------------------|---------|---------|---------|---------|----------|-------------------|---------|----------|-----------|-----------|-----------|-----------|-----------|
| | | 7 | 8 | 9 | 10 | 11 | 12 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Moduld Number | Modules | 7 | 8 | 9 | 10 | 11 | 12 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Carrier Weight | T | 10-12 | 10-13 | 10-15 | 15-18 | 19-21 | 20-26 | 20-26 | 22-26 | 25-30 | 26-30 | 28-33 | 30-35 | 33-38 | 35-38 |
| Range of Pile Breaker | mm | 300-400 | 450-500 | 550-625 | 650-750 | 800-900 | 900-1050 | 500-600 | 650-800 | 850-1000 | 1050-1200 | 1250-1400 | 1450-1600 | 1650-1800 | 1850-2000 |
| Pressure of Single Hydraulic Cylinder | Bar | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 | 320-350 |
| Max Flow for Single Cylinder | L/min | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Total Pile Breaker Weight | Kg | 920 | 1030 | 1140 | 1250 | 1360 | 1470 | 2335 | 2720 | 3100 | 3480 | 3860 | 4240 | 4620 | 5000 |
| Height of Single Crush Pile | mm | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |

B.Square Type

| Model | Unit | SG400 | SG500 | SG600 (Heavy) |
|---------------------------------------|-------|----------------|----------------|----------------|
| Range of Pile Breaker | mm | 300-400 | 400-500 | 300-550 |
| Suitable Carrier | T | 8-20T | 15-30 | ≥20 |
| Pressure of Single Hydraulic Cylinder | Bar | 343 | 343 | 34.3 |
| Max Oil Flow for Single Cylinder | L/min | 25 | 25 | 25 |
| Max Force for Single Rod | KN | 320 | 320 | 790 |
| Max Stroke of Hydraulic Cylinder | mm | 150 | 150 | 205 |
| Max Height for Each Crush | mm | ≤300 | ≤300 | ≤300 |
| Single Mould Weight | Kg | 110 | 220 | 400 |
| Single Module Size | mm | 604×594×286 | 595×980×275 | 910*780*400 |
| Dimensions at Working | mm | 1600×1600×2000 | 1710×1710×2500 | 2050*2050*2000 |
| Total Pile Breaker Weight | Kg | 650 | 950 | 2000 |



SG500

SG400
SG400 Square type pile breaker can be transformed into round type(SG380) by changing module combination which is suitable for both type pile project.

Other Products HYDRAULIC COMPACTOR

Why choose us?

- **Hydraulic Motor:** Imported hydraulic motor Permco. It has long service life, 12 months warranty period.
- **Relief Valve:** On the hydraulic motor there is a oil hose for relieving oil pressure. It controls hydraulic flow and constant drive power to protect the hydraulic motor.
- **Bearing:** Heat treatment bearing, high temperature resistance and wear-resisting steel. It has long service life.
- **Metal Rubber Buffer:** The metal rubber buffer can eliminate more than 90% vibratory force to protect the compactor frame and excavator. And it has more depth penetration and high service life.
- **Material:** We use the thick iron plate to make sure the strength and wear-resistance of compactor.

Specification

| Model | Unit | GHC-MINI | GHC-02 | GHC-04 | GHC-06 | GHC-08 | GHC-10 |
|---------------------------|-------|----------|---------|---------|----------|----------|----------|
| Carrier Weight | T | 2-3 | 3-4 | 5-9 | 10-17 | 18-24 | 25-32 |
| Working Pressure | Bar | 100-130 | 100-130 | 110-140 | 150-170 | 160-180 | 160-180 |
| Working Oil Flow | L/min | 25-40 | 30-60 | 45-75 | 85-105 | 120-170 | 120-170 |
| Weight | Kg | 110 | 200 | 300 | 600 | 850 | 900 |
| Impact Force | T | 2 | 3 | 4 | 6.5 | 15 | 15 |
| Max. Number For Vibration | Rpm | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| Impact Size (LxW) | mm | 650*470 | 590*420 | 900*550 | 1160*700 | 1250*900 | 1250*900 |
| Length | mm | 470 | 590 | 900 | 1160 | 1250 | 1250 |
| Width | mm | 410 | 442 | 550 | 700 | 900 | 900 |
| Height | mm | 600 | 435 | 730 | 900 | 1000 | 1050 |



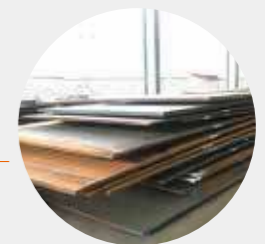
Metal rubber buffer eliminates the shacking force to protect itself and carriers.



The control vavle with output and input connector.



Imported hydraulic motor with relief valve.



Thick and wear-resisting material makes sure the strength and quality of compactor.



Mixer Bucket

Mixer Bucket

| Model | Unit | GCM-150 | GCM-300 | GCM-400 | GCM-900 |
|------------------|-------|---------|---------|---------|---------|
| Carrier Weight | T | 3.5-6 | 6-9 | 9-15 | 15-25 |
| Working Pressure | Bar | 160-200 | 160-200 | 160-200 | 160-200 |
| Working Oil Flow | L/min | 60-130 | 60-130 | 60-130 | 80-130 |
| Weight | Kg | 340 | 410 | 440 | 750 |
| Rated Capacity | L | 150 | 300 | 400 | 900 |
| Max Capacity | L | 200 | 340 | 450 | 1000 |
| Width | mm | 709 | 1000 | 1000 | 1300 |
| Height | mm | 800 | 900 | 900 | 1100 |
| Length | mm | 1100 | 1690 | 1890 | 1690 |



Hedge Trimmer

Hedge Trimmer

| Model | Unit | GHT150 |
|------------------|-------|--------|
| Carrier Weight | T | 1-8 |
| Working Pressure | Bar | 80-170 |
| Working Oil Flow | L/min | 25-95 |
| Weight | Kg | 70 |
| Unit Length | mm | 1550 |
| Width | mm | 290 |
| Height | mm | 360 |
| Cutting Length | mm | 1500 |

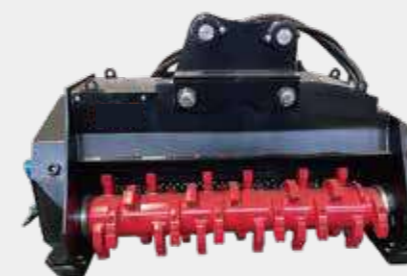
Brush Mower



Brush Mower

| Model | Unit | GBM-06 | GBM-08 | GBM-10 | GBM-12 | GBM-14 | GBM-16 | GBM-18 | GBM-20 |
|--------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Carrier Weight | T | ≤3 | 3-5 | 5-6 | 6-10 | 10-18 | 20 | ≥20 | ≥20 |
| Working Pressure | Bar | 150-300 | 150-300 | 150-300 | 150-300 | 150-300 | 150-300 | 150-300 | 150-300 |
| Working Oil Flow | L/min | 15-35 | 30-55 | 40-60 | 30-70 | 70-150 | 120-200 | 120-200 | 120-200 |
| Weight | Kg | 120 | 132 | 230 | 300 | 420 | 500 | 555 | 600 |
| Motor Speed | Rpm/min | 2500-3000 | 2500-3000 | 2500-3000 | 2500-3000 | 2500-3000 | 2500-3000 | 2500-3000 | 2500-3000 |
| Quantity of Blades | Pcs | 20 | 28 | 36 | 44 | 48 | 56 | 64 | 72 |
| Work Width | mm | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| Length | mm | 820 | 1040 | 1260 | 1460 | 1720 | 1920 | 2160 | 2360 |
| Width | mm | 470 | 530 | 630 | 630 | 650 | 650 | 620 | 650 |
| Height | mm | 620 | 650 | 820 | 900 | 980 | 1030 | 1100 | 1100 |

Drum Mulcher



Drum Mulcher

| Model | Unit | 60" |
|------------------|-------|---------------|
| Carrier Weight | T | 15-20 |
| Working Pressure | Bar | 140-210 |
| Working Oil Flow | L/min | 100-140 |
| Weight | Kg | 1200 |
| L*W*H | m | 1.9*0.95*1.25 |
| Teeth Number | Pcs | 36 |



Root Ripper

Root Ripper

| Model | Unit | GERC-02 | GERC-04 | GERC-06 | GERC-08 | GERC-10 |
|--------------|------|---------|---------|---------|---------|---------|
| Excavator | T | 3.5-5 | 5-9 | 10-15 | 18-25 | 28-35 |
| Weight | Kg | 65 | 90 | 270 | 435 | 740 |
| Total Length | mm | 515 | 535 | 720 | 740 | 1200 |
| Total Width | mm | 254 | 292 | 380 | 480 | 580 |
| Total Height | mm | 310 | 685 | 1150 | 1270 | 1445 |
| Thickness | mm | 30 | 50 | 70 | 80 | 90 |

Other Products

DREDGING PUMP

Hydraulic wear-resistant slurry pump and heavy-duty submersible dredging pump are designed for excavators of various sizes, ideal for efficient extraction in water-rich, sludge, and sediment conditions. By replacing the digging bucket with our hydraulic mortar pump, supports long-distance mud transmission, enhancing work efficiency. Suitable for hydraulic stations, these pumps ensure effective operation in difficult environments, offering a broad application range for challenging excavation scenarios.



Specification

| | Model | Unit | YNS300-10 | YNS300-15 | YNS400-15 | YNS300-25 | YNS600-15 | YNS300-30 | YNS450-30 | YNS700-25 | YNS1000-2 | |
|--|--------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Hydraulic Wear-resistant Slurry Pump Specification | Excavator | T | 10-20 | 10-20 | 20 | 20-30 | 20-30 | 30-40 | 30-40 | 50 | 50 | |
| | Pressure | Bar | 170 | 230 | 210 | 220 | 270 | 280 | 270 | 270 | 280 | |
| | Oil Flow | L/min | 80 | 80 | 107 | 125 | 125 | 160 | 200 | 250 | 280 | |
| | Outlet Diameter | mm | DN200 | DN200 | DN200 | DN200 | DN200 | DN200 | DN200 | DN200 | DN250 | DN300 |
| | | Inch | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 10 | 12 |
| | Flow | m ³ /h | 300 | 300 | 400 | 30 | 600 | 300 | 450 | 700 | 1000 | |
| | Lift | m | 10 | 15 | 15 | 25 | 15 | 30 | 30 | 25 | 22 | |
| | Power | Kw | 22 | 30 | 37 | 45 | 55 | 75 | 90 | 110 | 132 | |
| | Speed | Rpm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1100 |
| | Motor Displacement | cc | 80 | 80 | 107 | 125 | 125 | 160 | 200 | 250 | 250 | |
| Mixer Specification | Pressure | Bar | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | |
| | Oil Flow | L/min | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| | Power | Kw | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | |
| | Motor Displacement | cc | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | |

How to choose the right model?

1. What is the tonnage of your excavator?
2. What is the medium, concentration and particle size that you need for dredging pump?
3. What is the horizontal distance and height of the medium transported by the dredging pump?



Structure



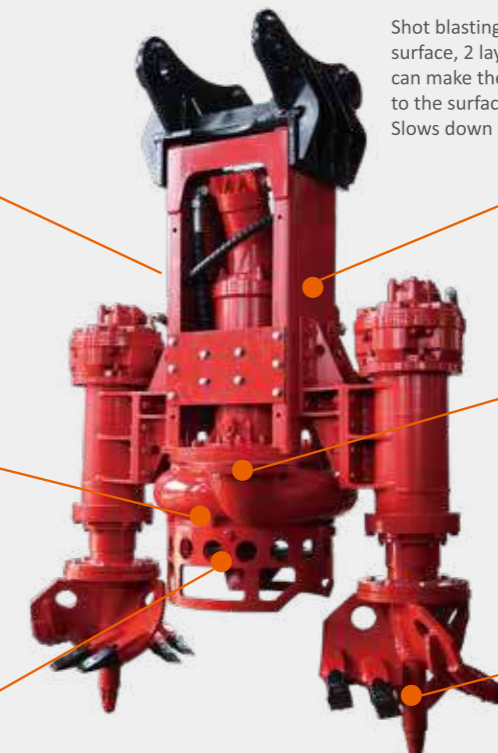
The mixing head motor is equipped with a pressure reducing valve to reduce the impact on the motor and extend its service life.



The material of the flow parts is Cr26. After heat treatment process, it is more durable and has vitality.



Reasonable mesh design at the bottom: avoid the problem of large particles of medium entering the pump and blocking the operation of the pump body.



Shot blasting treatment, smooth surface, 2 layers of paint, which can make the paint better adhere to the surface of the product. Slows down rust.



Reasonable pump port design: This saves customers from re-matching the adapter twice.



The positioning shaft of the mixing device can effectively anchor the pump body and realize rapid transportation of the medium.

Other Products LONG BOOM AND ARM



Why choose us?

Long Boom and Arm can greatly improve the operating rang without changing the installation method and performance of the original excavator. Mainly used for earthwork, deep cut excavation and river dredging.

Application:

- Hard material, fast delivery, long service life.
- The bushing inside the boom seat cover is made of copper with self-lubricating toner.
- The tubing is all made of high precision cold drawn seamless steel pipe, after pickling and phosphating, with good material and high strength.

Long Boom and Arm Specification

| Excavator | Unit | 12T | 20T | 22T | 30T | 35T | 40T | 45T |
|------------------------|------|------|-------|-------|-------|-------|------|------|
| Length of the Boom Arm | m | 13 | 15.38 | 15.38 | 18 | 20 | 22 | 24 |
| Working Weight | Kg | 3000 | 4000 | 4200 | 5200 | 6000 | 6500 | 7000 |
| Bucket Capacity | m3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 |
| Max Digging Height | m | 11.3 | 12.51 | 12.61 | 13.72 | 14.92 | 16.1 | 17.3 |
| Max Reaching Depth | m | 12.5 | 15.1 | 15.1 | 17.6 | 19.6 | 21.6 | 23.6 |
| Max Digging Depth | m | 9 | 11.34 | 11.37 | 13 | 15 | 16.5 | 18 |
| Total Height | m | 2.9 | 2.98 | 3.04 | 3.21 | 3.2 | 3.4 | 3.4 |
| Counter Weight | T | / | / | / | / | 2 | 2.5 | 3 |



DEMOLITION BOOM AND ARM

Demolition Boom Arm is usually equipped with a breaker or hydraulic shear for work, which is easy to install and has high work efficiency. Applicable to high-rise building demolition works.

Demolition Boom and Arm Specification

| Excavator | Unit | 12T | 20T | 22T | 30T | 35T | 40T | 45T |
|------------------------|------|------|-------|-------|-------|-------|-------|-------|
| Length of the Boom Arm | m | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| Working Weight | Kg | 3000 | 4500 | 5000 | 6000 | 7000 | 8000 | 9000 |
| Bucket Capacity | Kg | <800 | <1500 | <2000 | <2000 | <2000 | <2000 | <2000 |
| Max Digging Height | m | 3 | 3.1 | 3.16 | 3.29 | 3.29 | 3.42 | 3.42 |
| Max Reaching Depth | m | 13.4 | 15.6 | 17.8 | 20 | 22 | 24 | 26 |
| Max Digging Depth | Kg | 1000 | 2000 | 2500 | 3000 | 4000 | 5000 | 6000 |

Other Products ROCK ARM



Why choose us?

1. Enhanced weight and capability: Rock Arm increases the weight of both large and small arms, as well as the self-gravity of the supporting high-power excavator. This enables it to directly drill through rock and turquoise, completing construction projects that are beyond the reach of general equipment.
2. Superior equipment performance: The equipment boasts a firm structure, simple operation, and outstanding work efficiency.
3. Ideal for specific excavation tasks: It serves as an excellent tool for excavating weathered stone.

Rock Arm Specification

| Excavator | Unit | 35T | 40T | 45T | 50T | 65T | 80T |
|------------------------|------|-------|-------|-------|-------|-------|-------|
| Length of the Boom Arm | m | 8.2 | 8.5 | 8.5 | 8.7 | 8.85 | 9.15 |
| Working Weight | Kg | 12000 | 15000 | 17000 | 20000 | 25000 | 30000 |
| Max Digging Height | m | 7.85 | 8.2 | 8.4 | 8.7 | 8.89 | 9.8 |
| Max Reaching Range | m | 7.55 | 7.89 | 7.89 | 8.11 | 8.41 | 8.69 |
| Max Digging Depth | m | 3.2 | 3.25 | 3.25 | 3.22 | 3.5 | 3.76 |
| Height of Rock Ripper | m | 1.35 | 1.35 | 1.4 | 1.5 | 1.65 | 1.65 |

