

Make Your Project
Run Smoothly

Changzhou RAYCHI Smart Technology Co., Ltd
Changzhou Raymond International Trading Co., Ltd

#5 ChuangSheng Road, Luoyang Industrial Zone, Luoyang town,
Wujin District, Changzhou city, Jiangsu Province, China PC. 213104
Email: exportmanager@rayattachments.com

www.rayattachments.com



RAY ATTACHMENTS [search](#)

RAY
Attachments

MORE THAN
DURABLE



Hydraulic Breaker



Demolition Grapple



Scrap Shear



Rotation Pulverizer



Vibro Ripper



Crusher Bucket



www.rayattachments.com

2026-3

ABOUT RAY GROUP



For importers and distributors who sell under their own brand — we don't just fill your order. We build the supply base your business grows on.

1 — Proven production process ensures our products are built to last.

Our founding plant, Changzhou Chuangcheng Precision Steel Tube Factory — now RAY's manufacturing base — has been machining since 2002. Today 20,000 m² of owned production floor, continuously reinvested as the business has grown, runs the full chain: CNC turning, milling, pulse welding and double-head boring.

2 — We use durable materials and top-brand components for all key parts.

Load-bearing parts are reinforced and over-specified. Hydraulic components come from internationally recognized brands such as Danfoss. Service life is decided at component level — our price advantage comes from direct factory supply, never from cutting corners.

3 — Our rigorous inspection process to ensure durable quality.

ISO 9001:2015 and CE control the full process — incoming material, in-process, finished goods, pre-shipment — plus a functional test run on every unit before dispatch. That is why we back drilling motors with 3 years and gearboxes with 6 years.

Product Range

1.Hole Forming Series:

1.Our comprehensive lineup, headlined by hydraulic earth auger, caters to landscaping, roadworks, and construction projects. RAY Attachments has the most complete series in this category, we offer 16 models of auger drive, capable of fitting from mini-excavators to 50-ton machines. Accessories like auger, log splitter, stump planer, and mixer meet the application respectively.

2.Connection Series:

Include hydraulic quick hitches, multi-quick hitches, and tilting hitches, It can be quick safely and durable to switch various attachments.

3.Grab Series:

Include demolition grapples, thumbs, stone grapples, log grapples.

4.Demolition Series:

Featuring hydraulic shears and pulverizers, these tools are stable in construction and demolition projects, complemented by breakers, vibro rippers, crusher buckets, and screening buckets and so on.

More Than Durable

One container, one source. Augers, breakers, quick couplers, grapples, hydraulic shear and pulverizer. Wear parts always in stock. Standardized across categories. Batch-to-batch consistency — every container matches the last. Brackets for any carrier interface. Technical ODM. Build your own brand on our engineering.

Durability is our baseline, not our ceiling.

Exporting to Europe, Oceania and the Americas. Send us your carrier list — we come back with the attachment match, the container loading plan and the quotation.

Positioning MORE THAN DURABLE

Mission Make your project run smoothly.

Vision To be a global brand of durable attachments of construction machinery.

Values Focus on quality, professional services and share results.

WHY CHOOSE US



Hassle-Free Warranty

• 12 months - 36 months (option)



Quick Response

• 2 hours response
• Provide the solution within 24 hours



OEM&ODM services

Build your own brand



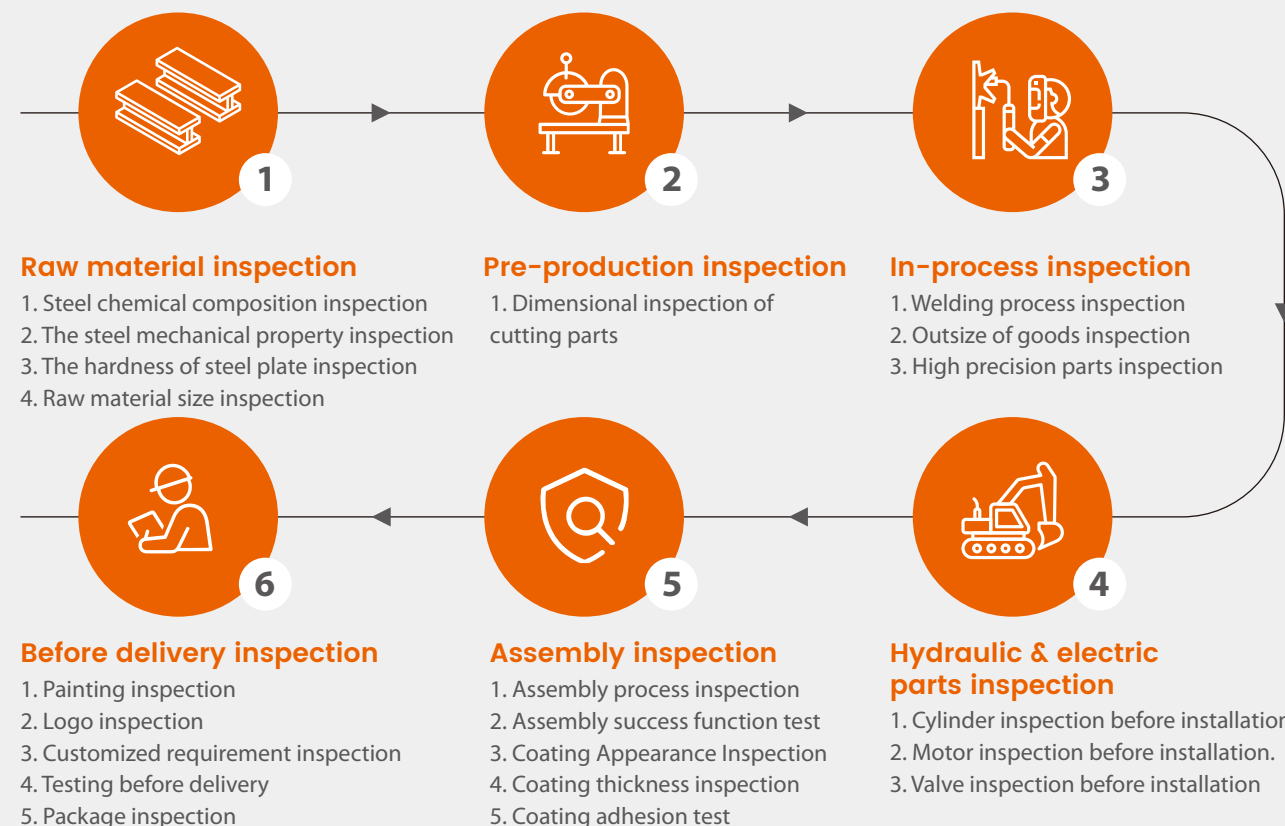
One-stop Shopping

• Save you at least 30% cost
• Save 50% of the time
• Make the business easy

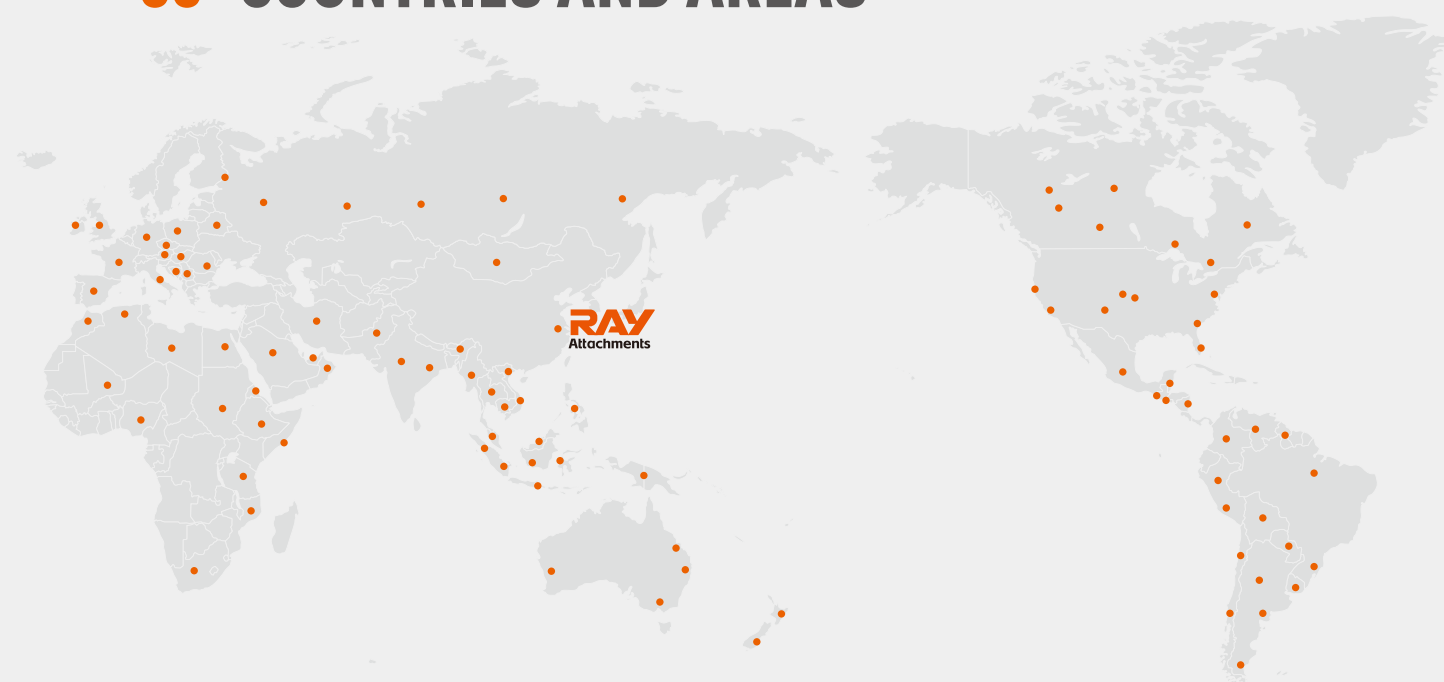
Business support to help your business grow.

Agency protection policy

QUALITY SYSTEM PROCESS



**1300+ CLIENTS TO
88+ COUNTRIES AND AREAS**



CONTENTS



P07

Hole forming Series

Hydraulic Earth Auger
More Usage
-Log splitter
-Stump Planer
-Drill Verticality Gauge
-Mixer Bowl
-Torque Monitor
Pile Driver

P17

Connection Series

Multi Quick Hitch
Tilting Quick Hitch
Hydraulic Quick Hitch

P23

Grab Series

Demolition Grapple
Log Grab
Hydraulic Tree Shears
Wood/Stone Grapple
Clamp Bucket
Hydraulic Thumb

P29

Demolition Series

Hydraulic Breaker
Eagle Shear
Pulverizer
Steel Structure Shear
Scrap Magnet
Vibro Ripper
Rotary Screen Bucket

P44

Other Products

Hydraulic Compactor
Vertical Compactor
Mixer Bucket
Sweeper
4 in 1 Bucket
Hedge Trimmer
Brush Mower
Wood Chipper
Long Boom and Arm
Pile Breaker

MORE THAN DURABLE

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 option).



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**

Main markets

Europe, South America, North America, Australia



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, QRCs not included)



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

MULTI-LEVEL REDUCTION GEARBOX WITH LARGE TORQUE



For Mini Excavator 0.75-1T
REA1000



For Mini Excavator 1-5T
REA2000-4500



For Excavator 4.5-12T
REA5000-8000



For Excavator 13-25T
REA12000-25000



For Excavator 21-50T
REA 35000-100000

Auger Drive Specification

Model	Unit	REA1000	REA2000	REA2500	REA3500	REA4500	REA5000	REA5500	REA7000
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	1/2
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

* These specifications are subject to change without prior notice for quality improvement.

REA8000	REA12000	REA15000	REA20000	REA25000	REA35000	REA42000	REA50000	REA65000	REA100000
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

RAY 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

* These specifications are subject to change without prior notice for quality improvement.

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

MORE THAN DURABLE

Hole Forming Series LOG SPLITTER



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



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

* These specifications are subject to change without prior notice for quality improvement.



STUMP PLANER

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



Model	RSP-250	RSP-350
Suitable Excavator	REA2500-4500	REA5000-8000
Diameter/mm	250	350
Length/mm	635	675
Output Shaft	65mm Round & 2"Hex	75mm Square

* These specifications are subject to change without prior notice for quality improvement.



Hole Forming Series DRILL VERTICALITY GAUGE

Model	Unit	RVI20
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

* These specifications are subject to change without prior notice for quality improvement.



MIXER BOWL

Thoroughly mix a small amount of cement

Auger Drill Range	REA2000-3500	REA3500-8000
Bowl Capacity/L	140	180
Unit Depth/mm	600	690
Unit Diameter/mm	675	724
Unit Weight/kg	28	33

* These specifications are subject to change without prior notice for quality improvement.



TORQUE MONITOR

Torque Range	Up to10000 N.m
Earth Drill Range	REA5000 - REA8000
Hitch Connection	Single Pin
Pin Diameter	30mm

* These specifications are subject to change without prior notice for quality improvement.



MORE THAN DURABLE

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	RV-150	RV-200	RV-250	RV-300	RV-350	RV-400
Carrier Weight	T	12-15	20-22	23-27	28-35	36-40	41-55
Working Pressure	Bar	≥280	≥280	≥280	≥280	≥280	≥280
Working Oil Flow	L/min	69	110	165	220	256	303
Weight	Kg	1900	2300	2400	3500	3600	3800
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	700	800	800	800
Arm Length	m	1.5	2	2	2.5	2.5	2.5
Clamp Type/Weight	Kg	C15:450	C15:450	C15:450	C16:548	C16:548	C16:548
Sheet Piles Width	mm	200-600	200-600	200-600	260-800	260-800	260-800
Sheet Piles Clamp Force	T	35	35	35	45	45	45
Tube Piles Diameter	mm	320-600	320-600	320-600	450-1600	450-1600	450-1600
Tube Piles Clamp Force	T	35	35	35	45	45	45

* These specifications are subject to change without prior notice for quality improvement.



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 unmping the clamp

Side Grip Vibro Hammer



Model	Unit	SV30	SV40	SV50	SV60	SV70	SV85
Carrier Weight	T	13-18	20-23	24-27	28-33	34-40	41-52
Working Pressure	Bar	≥300	≥300	≥300	≥300	≥300	≥300
Working Oil Flow	L/min	80	110	165	221	256	303
Weight	Kg	2100	2630	2760	3210	3240	3500
Eccentric Moment	Kg·m	3	4	5	6.3	7.3	8.5
Centrifugal Force	Kn	206-297	275-396	350-495	433-624	502-723	584-841
Frequency	Rpm	2500-3000	2500-3000	2500-3000	2500-3000	2500-3000	2500-3000
Swing/Tilt Angle	Degree	360/+25	360/+25	360/+25	360/+25	360/+25	360/+25
Amplitude	mm	3.3	5	6	5	7	8
Side Gripping Force	T	50	50	50	66	66	66
Clamping Force	T	43	43	43	62	62	62
Arm Stroke	mm	230	250	250	270	270	270
Dimensions(L*W*H)	mm	1030x1485x2042	1350x1050x2410	1350x1050x2410	1600x1280x2610	1600x1280x2610	1600x1280x2610
Sheet Piles Width	mm	400-600	350-800	350-800	400-1000	400-1000	400-1000
H-Beams	mm	H100- H400	H200-H500	H200-H500	H250-H500	H250-H500	H250-H500
Timber Piles	mm	φ220-325	φ120-400	φ120-400	φ160-500	φ160-500	φ160-500
Tube Piles	mm	φ90-350	φ120-400	φ120-400	φ160-800	φ160-800	φ160-800
Max Pile Length(Common Soil)	m	9	12	12	18	18	18
Max Camping Pile Weight	Kg	400	1200	1200	2300	2300	2300

* These specifications are subject to change without prior notice for quality improvement.



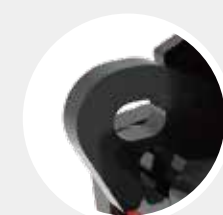
MORE THAN DURABLE

CONNECTION SERIES

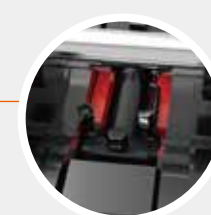
Connection Series MULTI QUICK HITCH

Why choose us?

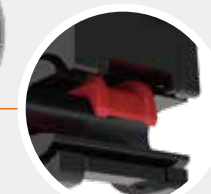
- 1 Safety: Triple-lock design ensures reliability and security.
- 2 Convenience: Fully automated operation eliminates the need to leave the driver's seat.
- 3 Wide Compatibility: Slide safety system matches various attachments widely.



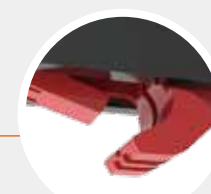
Lifting Hole
For hanging goods



Hydraulic Cylinder
Longer service life by special cylinder



Front Lock
Automatically secures the attachments to the coupler quickly.
The front jaw hugs the pin tightly, safer 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 if the cylinder is broken.

Connection Series MULTI QUICK HITCH

Quick Hitch Specification

Model	Unit	RQH01M	RQH01D	RQH02M	RQH02D
Carrier	T	1~2.5	1~3	3~4.5	4.5~6
Pin diameter	mm	30	35	35/40	45/50
Arm width	mm	100~125	100~125	125~160	140~175
C-to-C distance	mm	115~170	135-190	175~260	220~300
Oil pressure	Bar	40~248	40~248	40~248	40~248
Oil flow	L/min	10~20	10~20	10~20	10~20
Hose	Inch	1/4	1/4	1/4	1/4
Unit weight	Kg	29	55	70	90
Length	mm	370	400	570	570
Width	mm	200	220	280	280
Height	mm	210	225	305	305

* These specifications are subject to change without prior notice for quality improvement.

RQH04D	RQH06M	RQH08M	RQH10M	RQH14M	RQH17M
6~8	10~15	15~27	27~35	27~35	27~35
50/55	60/65	70/80	90	100/110	100/110
180~225	225~265	280~340	345-410	370-445	450-480
260~340	340~430	420~500	470~560	530~600	550~630
40~205	40~205	40~205	40~205	40~205	40~205
10~20	10~20	10~20	10~20	10~20	10~20
1/4	1/4	1/4	1/4	1/4	1/4
115	205	370	530	612	730
655	745	940	1065	1065	1065
312	390	475	510	510	510
335	420	505	565	565	565



MORE THAN DURABLE

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	RQH01T	RQH02T	RQH02TL	RQH04T	RQH06T	RQH08T
Excavator	T	1-3	3-4.5	4.5-6	6-8	10-15	15-23
Pin diameter	mm	30/35	35/40/45	45/50	50/55	60/65	70/80
Arm width	mm	100-125	125-160	160-175	180-225	225-265	280-340
C-to-C distance	mm	115-170/135-190	175-255	260-300	260-340	340-430	420-500
Max pressure	Bar	210	210	210	210	210	210
	Psi	3045	3045	3045	3045	3045	3045
Operation flow	L/min	10-20	10-20	10-20	10-20	10-20	10-20
	Gpm	2.6-5.2	2.6-5.2	2.6-5.2	2.6-5.2	2.6-5.2	2.6-5.2
Max pressure	Bar	210	210	210	210	210	210
	Psi	3046	3046	3046	3046	3046	3046
Oil flow	L/min	2-4	5-16	11-32	15-44	19-58	26-78
	Gpm	0.52-1.06	1.32-4.23	2.9-8.45	3.96-11.62	5.02-15.32	6.87-20.61
Tilt Angle	°	180	180	180	180	180	140
Drive Tilt Torque	N.m	900	2800	4700	7300	10500	14000
Remaining Torque	N.m	2400	6800	12000	18000	26000	35000

* These specifications are subject to change without prior notice for quality improvement.



Connection Series HYDRAULIC QUICK HITCH

Why choose us?

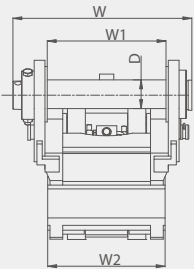
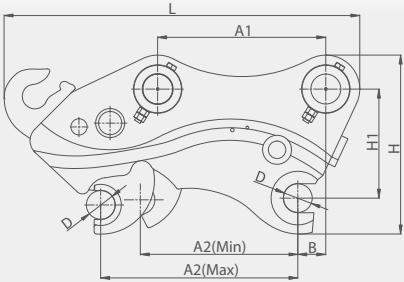
- 1

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	RQH-MINI	RQH-02	RQH-04	RQH-06	RQH-08	RQH-10	RQH-17	RQH-20
Suitable Carrier	T	1-4	5-6	7-9	10-17	18-24	25-32	33-45	46-50
Working Pressure	Kgf/cm2	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Oil Flow	l/m	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Weight	kg	45	70	80	180	350	550	750	900
Length	L	mm	418	540	600	820	968	1040	1090
Height	H	mm	275	307	320	410	520	600	630
Width	W	mm	175-242	258-263	270-350	365-436	449-483	480-540	550-660
Pin To Pin Distance	A1	mm	85-200	220-270	290-360	360-420	430-520	450-560	500-600
Arm Width	W1	mm	90-150	155-170	180-230	220-315	300-350	350-410	370-480
	H1	mm	162	150	195	220	275	300	360
Pin Diameter	D	mm	25-40	45-50	50-55	60-65	70-80	90	100-110
								100-110	110-130

* These specifications are subject to change without prior notice for quality improvement.

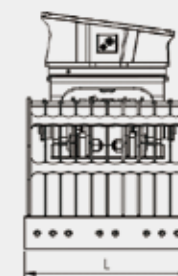
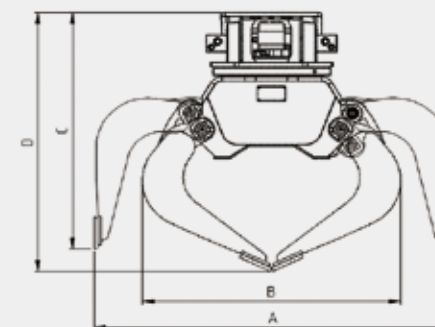
MORE THAN DURABLE

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	RCG-mini	RCG-01	RCG-02	RCG-04	RCG-06	RCG-08	RCG-10	RCG-14	RCG-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

* These specifications are subject to change without prior notice for quality improvement.



MORE THAN DURABLE

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



Log Grab Specification

Model	Unit	RLG1000	RLG1200	RLG1400	RLG1700	RLG2000
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

* These specifications are subject to change without prior notice for quality improvement.

Grab Series HYDRAULIC TREE SHEARS

Why choose us?

- 1 Built with high-strength Q355 steel for superior strength and reliability.
- 2 NM400 wear-resistant blades ensure extended service life in demanding applications.
- 3 High-precision hydraulic cylinders deliver powerful and accurate gripping performance.



Hydraulic Tree Shears Specification

Model	Unit	RLS-02	RLS-04	RLS-06	RLS-08
Excavator Weight	ton	3-5	5-10	10-15	20-30
Hydraulic	bar	100-130	100-130	100-180	180-230
Working Flow	LPM	25-50	50-80	100-150	150-200
Weight	KG	200	280	850	850
Opening Width	mm	505	505	1400	1537
Cutting Width	mm	200	300	350	400
Cylinder Piston Rod Diameter	mm	30	50	70	70
Piston Diameter	mm	55	75	100	100
Package Size	mm	800*710*500	800*710*500	1200*1100 *750	1400*1300*800

* These specifications are subject to change without prior notice for quality improvement.

MORE THAN DURABLE

Grab Series GRAPPLE

Why choose us?

- 1 Built with high-strength Q355 steel for superior strength and reliability.
- 2 NM400 wear-resistant blades ensure extended service life in demanding applications.
- 3 High-precision hydraulic cylinders deliver powerful and accurate gripping performance.



Stone Grapple



Wood Grapple

Wood/Stone Grapple Specification

Model	Unit	RHG03	RHG04	RHG06	RHG08	RHG10	RHG14
Carrier	T	4-6	7-11	12-16	17-23	24-30	31-40
Setting Pressure	Kg/cm ²	170	180	190	200	210	250
Oil Flow	l/m	30-55	50-100	90-110	100-140	130-170	200-250
Weight	Kg	320	430	850	1750	1850	1900
Max Jaw Opening	mm	1300	1500	1800	2300	2500	2500
Oil Pressure	Kg/cm ²	110-140	120-160	150-170	160-180	160-180	180-200
Cylinder	pcs	2	2	2	2	2	2
Standard	finger	2+3	2+3	2+3	2+3	2+3	2+3
Optional	finger	3+4	3+4	3+4	3+4	3+4	3+4

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



Grab Series GRAPPLE



Clamp Bucket

Clamp Bucket

Model	Unit	RCP04	RCP06	RCP08	RCP10
Excavator	T	5-8	12-16	17-23	24-30
Pressure	kg/cm ²	120-160	150-170	160-180	160-180
Set up Pressure	kg/cm ²	180	190	200	210
Weight	kg	450	840	1430	1860
Opening	mm	1300	1550	2115	2115
Working Flow	L/min	50-100	90-110	100-140	130-170
Cylinder Volume	liter	5.4	8.2	10	12
Volume	m ³	0.2	0.35	0.45	0.6
Size	mm	902*1140*460	1272*1522*620	1475*1800*800	2138*1100*1303

* Customized product. Parameters is for reference only.



Excavator thumb

Hydraulic Thumb (Excavator Thumb)

Model	Unit	RHT04	RHT06	RHT08	RHT10
Excavator	ton	4-6	6-9	12-16	17-23
Operating Flow	lpm	30-55	50-100	90-110	100-140
Oil Pressure	bar	110-140	120-160	150-170	160-180
Weight	kg	150	200	500	650
Length	mm	600-1100	800-1400	1200-1500	1400-1700
Width	mm	200-400	200-400	350-500	400-640

* Customized product. Parameters is for reference only.

MORE THAN DURABLE

DEMOLITION SERIES

Demolition Series HYDRAULIC BREAKER SPARE PARTS



Control Valve



Mounted Pin Kit



Rod Pin and Stop Pin



Accumulator



Side Bolts



Front Cover



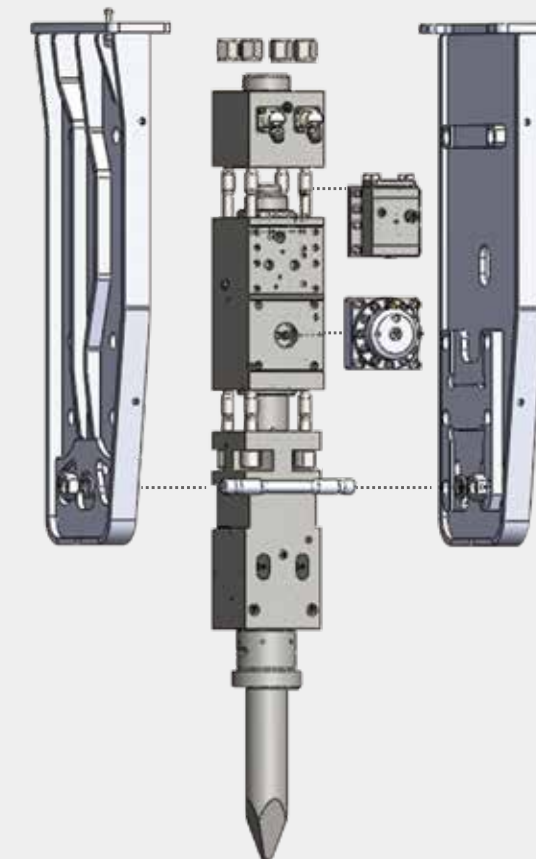
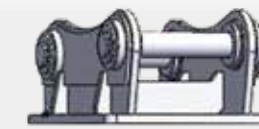
Through Bolts



Ring Bushes



N₂ Charging Kit



Piston



Back Head



Front Head Ass'y



Cylinder with Piston



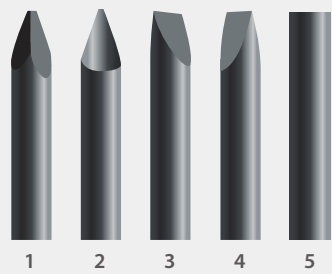
Seal Kits

MORE THAN DURABLE

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



Box-Silenced type

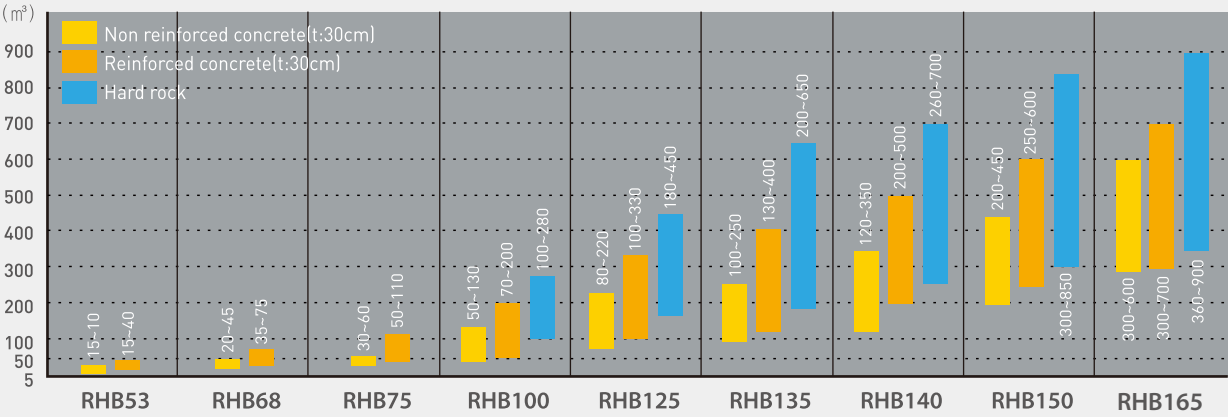
- 1. Reduce noise.
- 2. Protect the environment.



RHB Series Hydraulic Breaker Specification

Item	Unit	RHB40	RHB45	RHB53	RHB68	RHB75	RHB100	RHB125	RHB135
Body Weight	kg	53	71	89	156	214	479	620	850
	lbs	117	156	196	343	471	1054	1364	1870
Total weight (Side/Top/Box)	kg	82	117	147	266	337	775	1224	1572
	kg	83	122	148	303	412	817	1287	1859
	kg	123	155	189	328	405	950	1285	1685
Operating pressure	kg/cm	90-120	90-120	90-120	110-140	120-150	150-170	150-170	160-180
	psi	1280-1704	1280-1704	1280-1704	1562-1988	1704-2130	2130-2414	2130-2414	2272-2556
	bar	88-117	88-117	88-117	108-137	118-147	147-166	147-166	157-177
Hydraulic flow range	l/min	15-25	20-30	25-50	40-70	50-90	80-110	90-120	130-150
Impact frequency	gal/min	4-7	5-8	6.6-13.2	10.5-18.5	13.1-23.6	21.1-29.1	23.7-31.7	34.3-39.6
	bpm	800-1400	700-1200	600-1100	500-900	400-800	350-700	350-650	400-600
Diameter of Tool	mm	40	45	53	68	75	100	125	135
Suitable Carrier	inch	1.57	1.77	2.08	2.68	2.95	3.94	4.92	5.31
	ton	0.8-2.5	1.2-3.0	2.5-4.5	4-7	6-9	10-15	15-18	18-26
Valve Type	/	Inward	Inward	Inward	Inward	Inward	Inward	Inward	Inward
Accumulator exists	/	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* These specifications are subject to change without prior notice for quality improvement.



Skid Steer Loader Type

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



Top Type

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



Backhoe Loader Type

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

Item	Unit	RHB135G	RHB150G	RHB155	RHB165	RHB175	RHB185	RHB195
Body Weight	kg	735	1092	1313	1590	1960	2375	2823
	lbs	1620	2402	2889	3498	4310	5222	6210
Total weight (Side/Top/Box)	kg	1698	2462	2484	3156	3806	4655	5418
	kg	1766	2519	2774	3511	4232	5102	5810
	kg	1787	2591	2716	3183	3789	5226	5823
Operating pressure	kg/cm	160-180	160-180	160-180	180-200	180-210	180-240	200-240
	psi	2272-2556	2272-2556	2272-2556	2556-2840	2558-2984	2558-3410	2842-3410
	bar	157-177	157-177	157-177	177-196	176-206	176-235	195-235
Hydraulic flow range	l/min	120-160	170-220	180-240	200-250	200-260	240-300	290-360
Impact frequency	gal/min	31.7-42.3	37.4-48.4	47.6-63.36	52.8-65.79	52.8-68.42	63-79	77-95
	bpm	350-600	200-360	300-450	250-380	200-350	180-250	150-200
Diameter of Tool	mm	135	150	155	165	175	185	195
Suitable Carrier	inch	5.31	5.91	6.1	6.5	6.89	7.28	7.68
	ton	18-26	27-35	28-35	30-40	35-40	40-50	45-55
Valve Type	/	Outward	Outward	Inward	Inward	Inward	Outward	Outward
Accumulator exists	/	Yes	Yes	Yes	Yes	Yes	Yes	Yes

MORE THAN DURABLE

Demolition Series EAGLE 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



Scrap Shear Specification

Model	Unit	SH25	SH50R	SH130R	SH180R	SH310R	SH410R	SH550R
Carrier Weight With Bucket Place	T	4-6	6-9	13-17	18-27	28-39	39-50	51-65
Carrier Weight With Stick Place	T	2-4	4-6	8-12	14-18	20-28	28-39	39-45
Working Pressure	Bar	200-250	250-300	250-300	320-350	320-350	320-350	320-350
Working Oil Flow	L/min	60-100	90-120	90-110	150-200	200-250	250-300	275-375
Max Hydraulic Motor Oil Pressure	Bar	190-200	90-100	90-100	90-100	100-115	100-115	100-115
Max Motor Oil Flow	L/min	10-15	15-20	30-40	30-40	30-40	30-40	30-40
Tool Weight	Kg	380	650	1220	2100	3300	4700	5750
Jaw Opening (A)	mm	195	290	375	445	565	670	760
Jaw Depth(B)	mm	200	290	395	525	630	720	780
Length(C)	mm	1350	1900	2100	2700	3300	3700	3950
Cylinder Force	T	38	53	76	109	145	200	247
Force At Upper	T	36	46	55	75	110	151	185
Cutting Force (Main Blade Centre)	T	66	88	138	198	286	413	478
Force At Pin	T	200	330	472	770	1031	1372	1810
Speed Valve	Y/N	N	N	Y	Y	Y	Y	Y
Interchangeable Spare Parts	Y/N	Y	Y	Y	Y	Y	Y	Y

* These specifications are subject to change without prior notice for quality improvement.

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

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

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

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

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

Central Pin Adjustment Kit
RAY 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

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

Double Guide
Twin guide on the movable jaw ensures optimal alignment

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

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

MORE THAN DURABLE

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

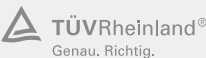
The 360° rotation for option



Pulverizer Specification

Model	Unit	RP10-IT	RP20-IT	RP30-IT	RP40-IT
Carrier Weight	T	10-18	18-26	26-32	32-45
Working Pressure	Bar	300-350	300-350	300-350	300-350
Working Oil Flow	L/min	100-180	180-200	200-220	220-280
Tool weight	Kg	1100	2000	2850	4100
Jaw opening	mm	580	750	900	1000

* These specifications are subject to change without prior notice for quality improvement.



A. Hydraulic Crusher

Model	Unit	CR5R	CR15R	CR20R	CR26R
Carrier Weight	T	5-14	14-18	18-24	24-35
Hydraulic Working Pressure	Bar	200-250	280-320	280-320	280-320
Oil Flow	L/min	50-90	130-150	180-320	220-250
Hydraulic Motor Max Oil Pressure	Bar	90-100	90-100	90-100	90-100
Hydraulic Motor Oil Flow	L/min	30-40	30-40	30-40	30-40
Tool Weight	Kg	530	1600	2100	2800
Cylinder Force	T	50	100	132	157
Force At Upper Tips F1 (Front Teeth)	T	34	64	84	92
Force In The Middle F2 (Middle Of Blade)	T	51	99	127	142
Cutting Force F3	T	141	284	329	392
Rotation Type	°				
Close Time	s	3.79	2.5	2.2	2.3
Open Time	s	2.31	2.5	3.7	4
Speed Valve	Y/N	N,N	N,N	N,N	N,N
Max Diameter To Be Cut	Y/N	NO	YES	YES	YES
Blade Length	mm	36	50	58	63
Interchangeable Wear Parts	mm	140	200	200	250
Automatic Grease System	Y/N	NO	NO	NO	NO
Optional Pads	Y/N	NO	NO	NO	NO

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	MCP910
Excavator Weight	T	4-10	10-18	18-25	25-35
Tool Weight	Kg	450	1000	2050	2850
Cylinder Force	T	71	100	145	157
Jaw Opening	mm	480	530	850	1000
Force At Upper Tips F1 (Front Teeth)	T	39	54	73	99
Force In The Middle F2 (Middle Of Blade)	T	60	79	115	153
Cutting Force F3	T	130	155	196	276
Hydraulic Working Pressure	Bar	220-280	280-320	280-320	280-320
Oil Flow	L/min	80-100	100-180	180-220	220-280
Rotation Type		NO ROT.	NO ROT.	NO ROT.	NO ROT.
Time Of Closing At Max Oil Flow	s	3,4	3,09	2,28	2,94
Time Of Opening At Max Oil Flow	s	2,4	1,88	2,26	2,74
Speed Valve	Y/N	NO	Optional	Yes	Yes
Max Diameter To Be Cut	mm	25	50	55	60
Blade Length	mm	120	122	180	180

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.

MORE THAN DURABLE

Demolition Series STEEL STRUCTURE SHEAR

Why choose us?

- 1

Full range-11 models covering 6-65T excavator
- 2

Proven process, heavy-duty build.450 wear resistant arm+Q690 high-strength steel
- 3

Brand-name core components-SUN, NOK

Specification

Model	Unit	RHS180	RHS200	RHS220	RHS260	RHS290	RHS300	RHS320	RHS350	RHS460	RHS490	RHS550
Carrier	Ton	8-12	13-18	15-22	20-26	20-32	20-32	24-33	26-35	33-48	35-55	38-65
Working Pressure	Bar	250-280	250-280	280-320	300-330	300-320	300-320	300-320	300-320	320-350	300-330	300-330
Working Flow	L/Min	100-150	200-250	200-250	280-300	240-280	240-280	240-280	240-280	280-300	280-300	280-300
Weight	Kg	740	1450	1750	2680	2980	3198	3210	3450	4782	5256	5520
Max. Opening A	mm	420	510	580	620	700	700	700	700	800	800	860
Length B	mm	788	1000	1250	1500	1350	1359	1359	1500	1700	1710	1700
Height C	mm	1395	1750	2050	2500	2430	2430	2430	2500	2700	2850	2850
Width D	mm	430	620	750	1000	750	750	750	1000	820	942	942
Motor Displacement	ml/r	625	500	500	500	500	500	500	500	630	630	630
Shear Blade Length	mm	200+150	250+210	300+210	350+260	350+260	350+260	350+260	350+260	400+260	350+360	400+360
Cutting Depth	mm	320	410	460	550*2	550*2	550*2	550*2	550*2	600*2	650*2	700*2
Midpoint Cutting Force	Ton	65	160	210	300	330	350	360	380	460	480	560
Cutting Capacity (materials)	channel steel	mm	200*75*10	400*100*15	400*100*15	400*100*20	400*100*20	400*100*20	400*100*20	400*100*20	400*100*20	400*100*20
	H-section steel	mm	150*150*8	400*300*15	400*300*15	400*400*15	400*400*15	400*400*15	400*400*15	400*400*20	500*400*20	500*400*20
	Angle Bar	mm	160*160*12	200*200*15	200*200*15	200*200*20	200*200*20	200*200*20	200*200*20	200*200*20	200*200*20	200*200*20
	Steel Plate	mm	12	15	15	20	20	20	20	22	25	30
Cyliner Diameter	mm	F160/M202	F200/M245	F220/M267	F280/M345	F280/M345	F290/M349	F290/M349	F300/M368	F310/M375	F320/M385	F320/M385
Rod Diameter	mm	110	200	140	190	190	190	190	190	220	220	220
Dipper Width	mm	150-230	230-300	250-330	300-350	300-410	300-410	300-410	320-430	350-450	350-450	350-450
Wooden Case	mm	1400*850*500	1950*1150*700	2050*1250*750	2350*1450*950	2500*1500*1000	2500*1500*1000	2500*1500*1000	2500*1500*1000	2800*1800*1000	2950*1800*1100	2950*1800*1100

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



Demolition Series SCRAP MAGNET

Why choose us?

- 1

Strong suction capacity for loads up to 5 tons.
- 2

Simple operation with no disassembly required when changing sites.
- 3

Directly mounts on excavators for unrestricted jobsite use.
- 4

Compatible with excavators without modifying the original hydraulic lines.

Scrap Magnet

Model	Unit	REM-60L	REM-70L	REM-80L	REM-90L	REM-100L	REM-110L	REM-120L	REM-130L	REM-150L	REM-165L	REM-180L
Carrier Weight	T	2-4	3-5	5-8	10-12	12-15	15-18	18-20	20-25	25-35	30-35	/
Current	A	11	15	18	26.6	30.6	35	41	45	72	75	102
Power	Kw	2.3	5	6	8	9	10	12	14	17	18	24
Weight	Kg	400	500	700	900	1100	1300	1400	1600	2200	2800	3300
Lifting Capacity/ Steel Ball	Kg	600	800	1000	1300	1500	1700	2000	2300	3000	4000	4500
Lifting Capacity/ Steel Block	Kg	280/170	380/200	480/250	650/400	1000/800	1050/800	1300/100	1450/1100	1980/1500	2300/1800	2850/2200
Lifting Capacity/ Iron Filings	Kg	280/100	380/200	480/250	650/400	1000/800	1050/800	1300/100	1450/1100	1980/1500	2300/1800	2850/2200

* These specifications are subject to change without prior notice for quality improvement.



Scrap Magnet

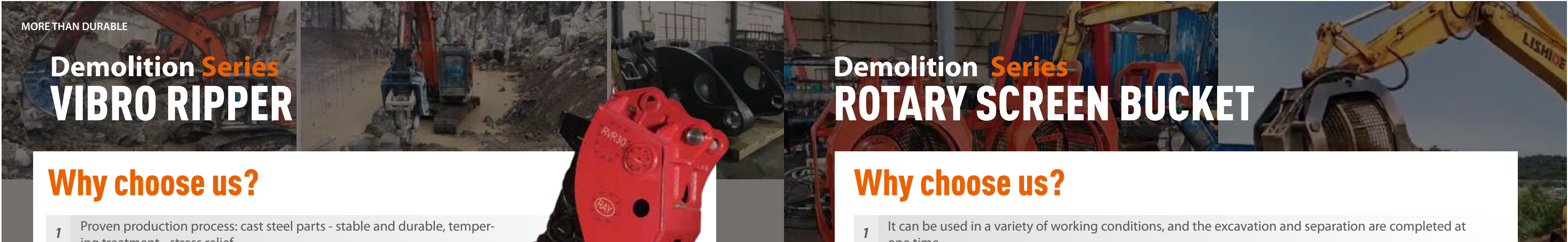
Hydraulic Lifting Magnet

Model	Unit	RHM-800	RHM-1000	RHM-1200	RHM-1300
Carrier Weight	T	10-18	10-18	20-35	25-40
Working Pressure	Bar	180	190	210	250
Working Flow	lpm	50-100	90-110	130-170	200-250
Weight	Kg	850	1300	2100	2400
overall dimension （A）	mm	800	1000	1200	1300
overall dimension （B）	mm	940	940	1107	1107
Power (cold)	KW	10	10	15	15
lifting capacity	steel ball （KG）	4500	6500	8000	8500
	casting ingot （KG）	600/400	1200/1000	1300/1000	1400/1100
	turnings （KG）	250/200	460/360	600/500	700/600

* These specifications are subject to change without prior notice for quality improvement.



Hydraulic
Lifting Magnet



Demolition Series VIBRO RIPPER

Why choose us?

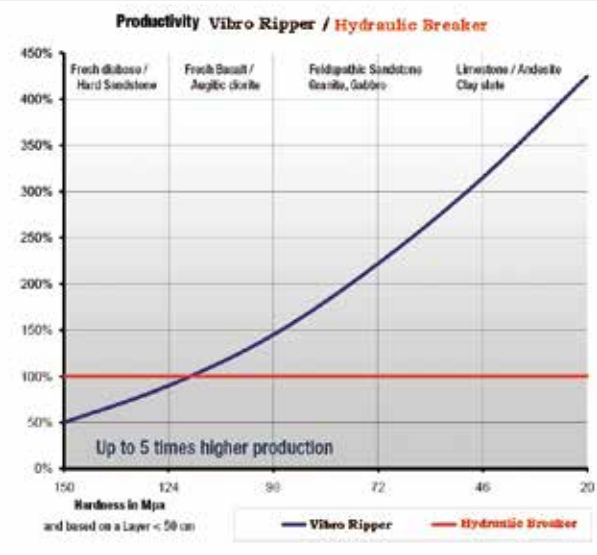
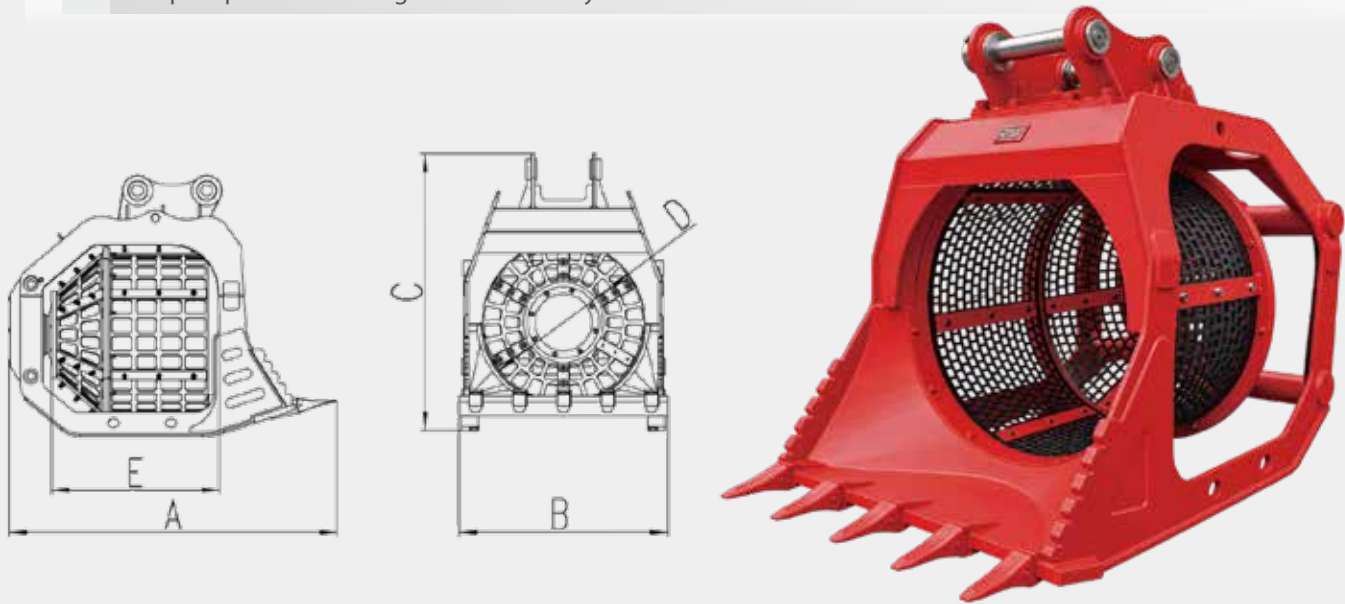
- 1
- Proven production process: cast steel parts - stable and durable, tempering treatment - stress relief.
- 2
- Durable materials and top-brand components for all key parts. Parker hydraulic Motor, SKF Bearing, DILLINGER 500 durable steel blade.



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.



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	RVR30	RVR40	RVR50	RVR60	RVR-E7	RVR-D8	RVR-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	4100	4300	6035	6250	7900	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

* RVR -XX: single motor type, RVR-EX: double motors type, RVR-DX: double motors and four eccentric blocks type. These specifications are subject to change without prior notice for quality improvement.

Rotary Screen Bucket Specification

Model	Unit	RSB-04	RSB-06	RSB-08	RSB-10	RSB-14
Carrier Weight	Ton	5-11	12-15	16-20	21-25	26-35
Working Pressure	Bar	100-280	100-280	200-280	200-300	200-300
Working Oil Flow	L/min	30-50	50-70	70-90	80-100	120-140
Weight	Kg	500	1020	2000	2510	3020
Bucket Capacity	Cbm	0.4	0.8	1.3	1.6	2.4
Size A	mm	1485	1820	2280	2145	2670
Size B	mm	835	1252	1370	1590	1700
Size C	mm	1065	1465	1815	1865	2145
Screen Drum Diameter D	mm	725	1036	1220	1390	1445
Screen Drum Depth E	mm	735	900	1225	980	1365

* These specifications are subject to change without prior notice for quality improvement.

MORE THAN DURABLE

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	RMB50	RMB60	RMB80	RMB120
Carrier Weight	T	5-10	12-20	20-30	30-50
Working Pressure	Bar	150-280	150-320	220-280	220-280
Working Oil Flow	L/min	90-120	120-200	150-200	190-250
Weight	Kg	850	2300	3500	5350
Bucket Capacity	Cbm	0.3	0.7	0.8	1.3
Size	mm	1450*950*1030	2115*1195*1360	2350*1430*1550	2550*1720*1750
Bucket Opening Size	W*H(mm)	620*280	720*460	9300*460	1220*510

*These specifications are subject to change without prior notice for quality improvement.



Demolition Series SCREENING BUCKET

Why choose us?

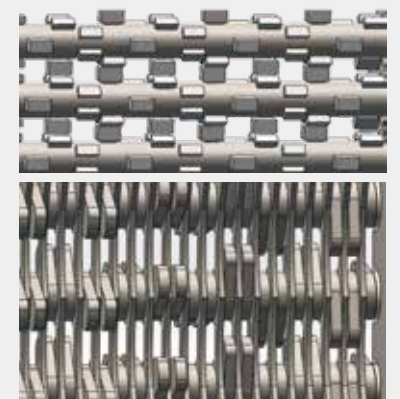
1. Installed on general excavators and loaders, the hydraulic power of the host machine is used.
2. The excavator driver controls the rollers of the bucket by operating the foot valve in the cab.
3. The rollers rotate in both forward and reverse directions. The mixed materials are mixed and stirred,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



RAY Screening Bucket

Model	Unit	RT07	RT20	RT30	RT40
Carrier Weight	T	10-18T	18-25T	25-30T	30-45T
Working Pressure	Bar	≤345	≤345	≤345	≤345
Working Oil Flow	L/min	80-150	120-200	150-220	200-320
Weight	Kg	1320	2400	3050	3350
Storage Capacity	m³	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	mm	1545*1350*1500	1900*1550*1800	2276*1550*1800	2685*1550*1800

*These specifications are subject to change without prior notice for quality improvement.

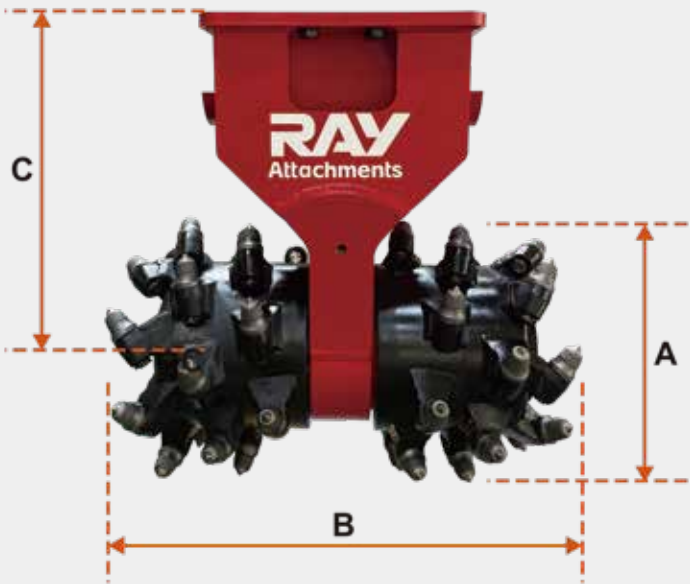


MORE THAN DURABLE

Demolition Series DRUM CUTTER

Why choose us?

- 1. Wide range of applications: RAY 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).



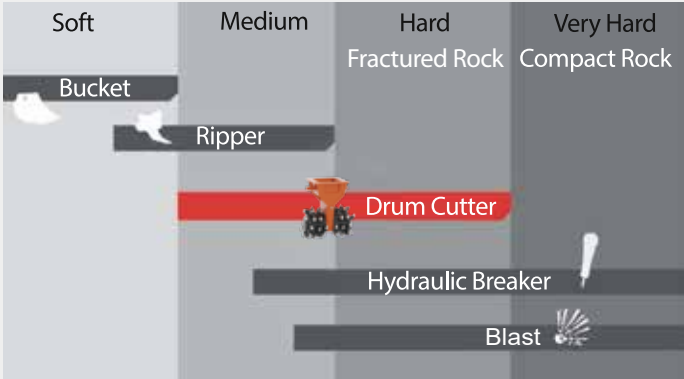
RAY Drum Cutter Specification

Model	Unit	RDC100	RDC150	RDC200	RDC300	RDC400
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

* These specifications are subject to change without prior notice for quality improvement.

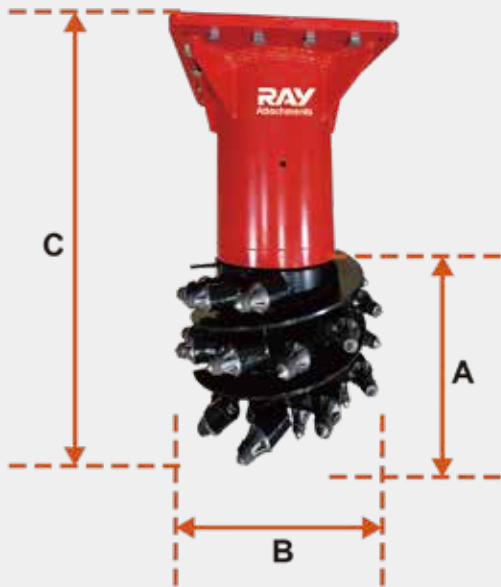


Suitable Operating Condition



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	RDC100V	RDC150V	RDC200V
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

* These specifications are subject to change without prior notice for quality improvement.

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.

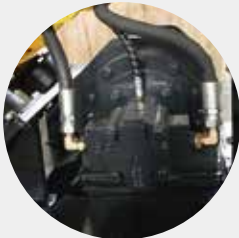
Specification

Model	Unit	RHC-02	RHC-04	RHC-06	RHC-08	RHC-10
Suitable Carrier	Ton	3-4	5-9	10-17	18-24	25-32
Pressure	Kg/cm2	100-130	110-140	150-170	160-180	160-180
Oil Flow	l/min	30-60	45-75	85-105	120-170	120-170
Weight	Kg	200	300	600	850	900
Impact Force	Ton	3	4	6.5	15	15
Max. Number For Vibration	rpm	2000	2000	2000	2000	2000
Impact Size (LxW)	mm	590*420	900*550	1160*700	1250*900	1250*900
Total Height	mm	435	730	900	1000	1050
Total Width	mm	442	550	700	900	900

* These specifications are subject to change without prior notice for quality improvement.



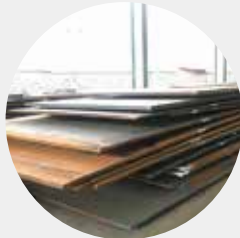
Metal rubber buffer eliminates the shacking force to protect itself and carriers.



Imported hydraulic motor with relief valve.



The control valve with output and input connector.



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



Support OEM Customization
RAY Attachments



Other Products

VERTICAL COMPACTOR

Why choose us?

- 1 Vertical housing — redesigned, not copied
- 2 More force to the ground, less loss in transmission
- 3 Thicker plate · Less rubber wear · Fewer replacements
- 4 Genuine PMK motor · Swappable bracket



Specification

Model	Unit	RHCV-Mini	RHCV-02	RHCV-04	RHCV-06	RHCV-08
Carrier Weight	T	1-3.5	4-6	6-9	10-15	18-24
Working Pressure	Bar	70-180	70-200	70-200	70-200	70-200
Working Oil Flow	L/min	30-60	40-120	40-120	120-200	120-200
Weight	Kg	155	290	303	510	844
Height	mm	410	505	505	603	667
Length	mm	733	922	1033	1085	1343
Width	mm	300	400	460	600	710
Base Plate Size	mm	300*620	400*800	460*912	600*950	710*1200
Compaction Coverage	m ²	0.18	0.32	0.42	0.57	0.85
Frequency	Hz	10-50	10-50	10-50	10-36	10-36
Force	T	1.27	4	4	5	6
Oil Flow Rate	Lpm	33	67	67	140	187

*Weight excluding bracket. These specifications are subject to change without prior notice for quality improvement.



MORE THAN DURABLE



Sweeper

Sweeper

Model	Unit	RES01 (1200)	RES03 (1500)	RES05 (1500)	RES08 (2000)	RES12 (1800)	RES20 (2000)	RES30 (2500)
Carrier Weight	T	1T	3T	5T	8T	12T	20T	30T
Weight (kg)	Kg	172	186	215	252	289	320	351
Length	mm	1200	1500	1500	2000	1800	2000	2500
Width	mm	600	600	600	600	800	1200	1200
Height	mm	600	600	600	600	600	600	600
Single Brush Row Length	mm	1200	1500	1500	2000	1800	2000	2500
Brush Height	mm	450	450	450	450	450	450	450
Brush Rows	pcs	8	8	8	8	8	12	12
Brush Pieces	pcs	11	14	14	18	16	27	34

* These specifications are subject to change without prior notice for quality improvement.



Hedge Trimmer

Hedge Trimmer

Model	Unit	RHT150	RHT150	RHT150
Carrier Weight	T	1.5-2.5	2.5-4.5	4.5-8
Working Pressure	Bar	150-220	150-220	150-220
Working Oil Flow	L/min	30-48	40-68	50-71
Weight	Kg	70	70	70
Motor Displacement	cc	50	80	100
Unit Length	mm	1550	1550	1550
Width	mm	290	290	290
Height	mm	360	360	360
Max Cutting Diameter	mm	25	40	40
Cutting Length	mm	1500	1500	1500
Extension Bar (Optional)	mm	Not available	1000	1000

* These specifications are subject to change without prior notice for quality improvement.



Mixer Bucket

Mixer Bucket

Model	Unit	RCM-150	RCM-300	RCM-400	RCM-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

* These specifications are subject to change without prior notice for quality improvement.



Brush Mower

Brush Mower

Model	Unit	RBM-06	RBM-08	RBM-10	RBM-12	RBM-14	RBM-16	RBM-18	RBM-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

* These specifications are subject to change without prior notice for quality improvement.



4 in 1 Bucket

4 in 1 Bucket

Model	Unit	60"	66"	72"	84"
Pressure	Mpa	24	24	24	24
Weight	Kg	470	502	532	594
	Lbs	1036	1106	1172	1309
Total Width	mm	1524	1676	1828	2134
	Inches	60	66	72	84
Open Distance	mm	682	682	682	682
	Inches	26.85	26.85	26.85	26.85
Clamping Force	N	19000-25000	19000-25000	19000-25000	19000-25000
Capacity	m³	0.5	0.55	0.6	0.7
L*W*H	m	1.6*1*0.75	1.7*1*0.75	1.9*1*0.75	2.2*1*0.75

* These specifications are subject to change without prior notice for quality improvement.



Wood Chipper

Wood Chipper

Model	Unit	RTG700D	RTG800P	RTG1000P	RTG1400P	RTG1600P	RTG1600P-H
Carrier Weight	T	3-4	4-7	6-9	8-15	15-20	20-30
Working Pressure	Bar	300	300	300	300	300	300
Working Oil Flow	L/min	25-40	35-60	50-90	70-120	90-170	110-200
Weight	Kg	240	340	380	480	645	720
Cutting Width	mm	700	800	1000	1400	1600	1600
Blades (group)	Pcs	14	18	18	24	34	38
Transmission	Type	Direct	Belt	Belt	Belt	Belt	Belt
Speed	r/min	2500-2800	2500-2800	2500-2800	2500-2800	2500-2800	2500-2800
Length	mm	1010	1010	1210	1610	1820	1820
Width	mm	670	670	670	670	805	805
Height	mm	820	820	840	900	980	980

* These specifications are subject to change without prior notice for quality improvement.

Other Products

LONG BOOM AND ARM



Why choose us?

RAY 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.

RAY 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

* These specifications are subject to change without prior notice for quality improvement.



DEMOLITION BOOM AND ARM

RAY 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.

RAY 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

* These specifications are subject to change without prior notice for quality improvement.

Demolition Series PILE BREAKER

Why choose us?

1. Outstanding operational performance: RAY’s 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	SP380(Light duty)						SP800(Heavy duty)							
Module 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

* These specifications are subject to change without prior notice for quality improvement.

B.Square Type

Model	Unit	SP400	SP500	SP600 (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 Moulde 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

* These specifications are subject to change without prior notice for quality improvement.

SP500

SP400

SP400 Square type pile breaker can be transformed into round type(SP380) by changing module combination which is suitable for both type pile project.

