

BUCKET SERIES

► **Regular Bucket**

We have four types of bucket, standard bucket, heavy duty bucket, rock bucket and heavy rock bucket.

We offer a full range of buckets for machines from 0.1m³ to 12m³ in bucket capacity for a large variety of applications.

The applications include light and general construction, road and rail construction as well as quarrying and mining industries.



Regular Bucket

Type	Capability	Working Environment
	Standard thickness plate and high quality parts (teeth, adaptor and side cutters)	For normal digging and loading activities of clay, sand or other loose materials with little or no debris or large rocks, optimal shape guarantees excellent digging properties and large capacity.
Heavy duty bucket	Thicker thickness plate and higher quality parts (teeth, adaptor and side cutters). Add reinforced plates on the bottom, put one more protective plates on the bothside.	Stronger than the GP backhoe bucket for heavier digging and spading in hard and slightly rocky soil. Suitable for paving, tarmac, light breaking up and demolition activities. Robust version and resistant to high breakout forces.
	Thicker thickness plate and higher quality parts (teeth, adaptor, side cutters, teeth shroud and flanges). Add reinforced plates on the bottom, add reinforced lines in the front of bucket, put one more protective plates on the bothside	Suitable for the heaviest working conditions in rocky types of soil and demolition work. Optimal shape to effortlessly pick up large rocks. Very robust and extremely strong design with the most durable steel. Despite extreme breakout forces,

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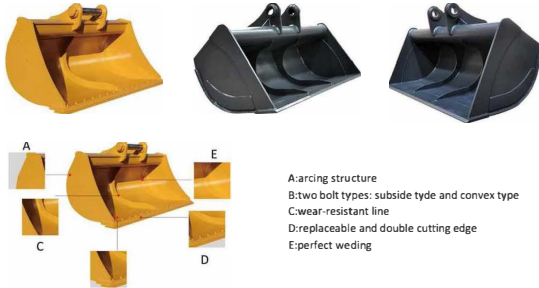
► Mud Bucket

Features:

Possessing all the features of Clean Up Bucket, except with larger capacity;
A tougher cutting edge can be added on request

Applications:

Surface trimming of slopes, dredging of riverbeds and ditches, etc. where larger bucket capacity is required



A: arcing structure
B: two bolt types: subside type and convex type
C: wear-resistant line
D: replaceable and double cutting edge
E: perfect wedging

Mud Bucket

Model	Carrier Size	Width(mm)	Capacity(m3)	Weight(kgs)
RSMB-05	1-4t	1000	0.1	72
		1000	0.2	125
RSMB-10	2-6t	1200	0.24	172
		1500	0.3	263
		1500	0.45	360
RSMB-20	7-11t	1750	0.6	410
RSMB-30	12-15t	1800	0.8	539
RSMB-40	16-19t	2000	1	610
RSMB-50	20-26t	2000	1.2	1065
RSMB-60	27-40t	2400	1.6	1400

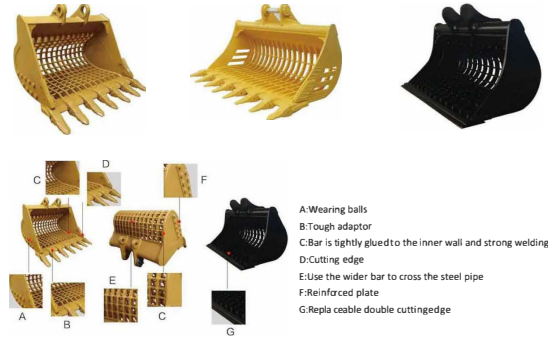
► Skeleton Bucket

Features:

Similar to Standard Bucket in design but with sieve bottom;
Generally with larger capacity.

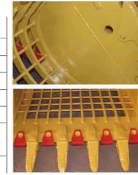
Applications:

Digging and sorting materials of different size at once;
widely applied to municipal work, agriculture, forestry,
water conservancy and earthwork, etc



A: Wearing balls
B: Tough adaptor
C: Bar is tightly glued to the inner wall and strong welding
D: Cutting edge
E: Use the wider bar to cross the steel pipe
F: Reinforced plate
G: Replaceable double cutting edge

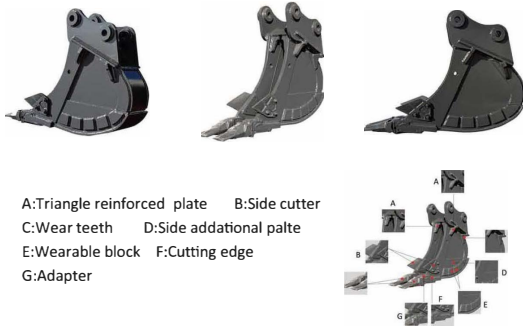
Model	Size	Width(in)	Size of Grid(mm)	Weight(kgs)
RSBM-SB03	3T	24in	100*150	105
RSBM-SB05	5T	30in	100*150	201
RSBM-SB08	8T	36in	100*150	261
RSBM-SB12	12T	42in	100*150	496
RSBM-SB20	20T	48in	100*150	843
RSBM-SB25	25T	60in	100*150	1043
RSBM-SB30	30T	60in	100*150	1464
RSBM-SB45	45T	66in	100*150	2810



► Trenching Bucket

Description of the goods:

Variety of widths and shapes, such as triangle and trapezoid, etc.
High efficiency for one-time shaped work.



A: Triangle reinforced plate B: Side cutter
C: Wear teeth D: Side additional palte
E: Wearable block F: Cutting edge
G: Adapter

► Trapezoid Bucket



► Manual Grapple

Grab is a lifting appliance which depends on jaw opening and closing crawl
and unloading bulk material.

It is divided into mechanical and hydraulic grapple.

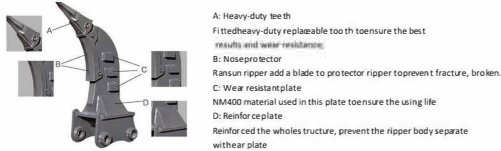
Excavator wood grapple have two parts, left and right sides, respectively, two
to five claws or even more, by working on both sides of the opening and closing
to grab material, shaped like a "fork", as named "Fork excavator gripper."



► Ripper

Features:

Generally with one single tooth, could be two or three;
Strong digging and penetration force.



Excavator Ripper									
Model	Ton Range	Width (mm)	Height (mm)	Bottom	Length (mm)	Weight(kg)	Flare Thickness(mm)	Teeth	
RS-8000	33-57	340	470	400	520	52	55	RS10	
RS-850	33-57	340	530	480	560	76	60	RS10	
RS-950	55-87	390	620	550	630	95	60	P-250	
RS-800	87-127	345	720	662	692	135	70	P-250	
RS-8120	127-167	430	1065	1030	760	266	80	DR200	
RS-8200	167-207	535	1355	1267	862	540	80	DR-475A51	
RS-8250	227-267	580	1406	1308	800	620	100	DR-475A51	
RS-8300	327-367	638	1543	1402	890	830	100	DR-475A52	
RS-8450	427-467	760	1650	1515	974	1052	100	DR-475A53	
RS-8500	507-557	830	1760	1608	1050	1270	110	DR-500A551	
RS-8550	707-807	910	2016	1836	1320	1930	120	DR-500A553	

Applications:
Breaking of hardpan, sub-hard rock and weathered rock



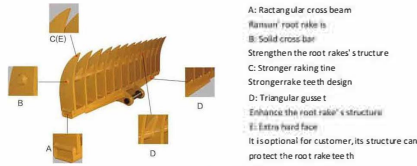
► Rake

Used to sort out debris or heavier material from soil. It has proved to be invaluable to landscapers in the preparation of lawns for reseeded.



Features:

- Replaceable weld-on wear strips.
- Simple installation - easily interchanges with bucket.
- Can also be used with quick coupler.
- Will work with any existing manual or hydraulic thumb.
- Various widths available to fit your application.
- Available for any size excavator.
- Custom sizes and widths available to meet your needs.



Rake									
Size	Model	Width(mm)	Number of Teeth	Distance between Teeth(mm)	Thickness of dipper(mm)	Weight(kg)			
1.5T	RS10-01	700	6	120	10	72			
3T	RS10-01	800	7	130	10	110			
3T	RS10-01	1000	8	125	10	130			
3T	RS10-01	1200	9	130	10	170			
6.12T	RS10-08	1500	9	135	20	280			
6.12T	RS10-08	1800	13	138	20	300			
13.13T	RS10-12	1900	10	170	25	410			
13.13T	RS10-12	2000	13	160	25	450			
16T	RS10-10	1900	13	127	30	780			
16T	RS10-10	2000	13	167	30	830			
21T	RS10-25	2000	10	180	30	810			
30T	RS10-30	2300	10	190	40	1210			
30-40T	RS10-40	2300	11	194	60	2400			



► Hydraulic Thumb

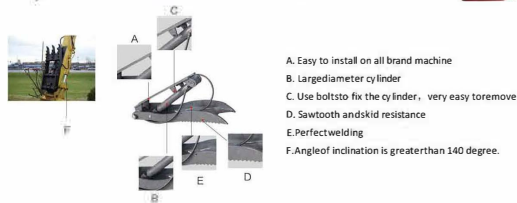
Excavators are capable of lifting large quantities of heavy objects, but like your hand, they need something to help hold in the load, a thumb.

Feature:

- Adjustable, Easy to Install.
- Self storing stiff arm.
- One Year Warranty and best price.
- Folds away easily when not in use.
- Fully gusseted for extra strength.

Options:

- Available for any size excavator. Custom sizes and widths available to meet your needs.
- Mechanical and hydraulic versions are available. Special designs and capacities are available



Hydraulic Thumb				
Model	TM Machine (Tons)	TM Machine (kg)	Size	Options
RS10-033 Hydraulic Excavator Thumb	0-6000	0-31	8" x 12"	2 Ripper, 1/2" Thick
RS10-033 Hydraulic Excavator Thumb	0-6000	0-31	8" x 24"	2 Ripper, 1/2" Thick
RS10-033 Hydraulic Excavator Thumb	6000-8000	3-41	8" x 30"	2 Ripper, 1/2" Thick
RS10-033 Hydraulic Excavator Thumb	10000-13000	5-61	10" x 30"	2 Ripper, 1/2" Thick
RS10-033 Hydraulic Excavator Thumb	13000-16000	6-7	12" x 40"	2 Ripper, 1/2" Thick
RS10-033 Hydraulic Excavator Thumb	18000-23000	8-11	12" x 40"	2 Ripper, 1" Thick
RS10-033 Hydraulic Excavator Thumb		11-1	18" x 50"	4 Ripper, 1" Thick
RS10-033 Hydraulic Excavator Thumb		18-2	24" x 50"	4 Ripper, 1" Thick
RS10-033 Hydraulic Excavator Thumb		23-2	30" x 60"	4 Ripper, 1 1/2" Thick

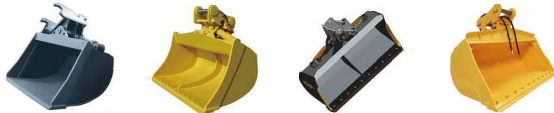
► Tilting Bucket

Features:

Double reinforced supporting in the rotation mechanism and the hoses are crossed to avoid pinching.

Advantages:

1. It can stand by or flat on the bottom
2. Spill guard and cylinder guards to protect the cylinder rod and hose fittings
3. Fitted with Flow Control Valves for easy adjustment of tilting speed to suit customer working preferences
4. Reversible bolt-on cutting edge, heavy duty cast banana side cutters and wear pads as standard to ensure that the customer achieves the highest productivity by increasing the life of the bucket
5. Corrosion resistant high tensile pivot pins and hard inserts are used to ensure low maintenance and maximum performance
6. Dual mechanical stops to extend cylinder life
7. Reasonable design for hoses or customized

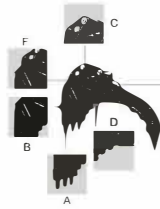


Tilting Bucket						
Ton Range	Model	Width (mm)	Bore (mm)	Bucket Capacity (m³)	Weight (kg)	Remark
3T-3T	TR300-900	900	50	0.12	270	single cylinder
3T-3T	TR300-1050	1050	50	0.15	300	
4T-6T	TR500-1200	1200	50	0.2	430	
3T-12T	TR800-1500	1500	63	0.3	630	
3T-18T	TR1200-1500	1500	63	0.55	700	double cylinders and double changeable cutting edges
3T	TR1300-1500	1500	63	0.57	820	
18T-23T	TR2000-1800	1800	80	0.9	895	
23T-29T	TR2000-2000	2000	80	1.25	1280	
18T	TR2500-1900	2000	80	1.51	1390	
30T-36T	TR3000-2200	2200	100	1.6	1550	
30T-36T	TR3000-2400	2400	100	1.9	2100	

► Hydraulic Grab Bucket

Features & Benefits

Materials: High strength alloy plate and high strength wearable board WH60A, WH60C, NM400, HARDOX450. All of the materials makes the bucket more wear-resisting and durable.



- A. Removable teeth
Bucket teeth is easy to be damaged, our design will reduce the repair cost.
- B. Wear parts
Our engineer design wear part in this place to extend its life
- C. Integrated check valve
Ensuring the best grabbing capabilities and more safety
- D. HD leading edges
Ensuring the durability of grabs and increasing the grabbing capabilities.
- E. High quality hydraulic components
Ensure the grab bucket's using life and make its more stronger to reduce risk or damage or failure.
- F. Hydraulic valve/lock
Prevent the oil slick when cylinder broken down-----more safety.



Applications

Excavator grab bucket has been widely used in ports, steel plants, power stations, ships and garbage treatment plants. It is used together with tower cranes, ship cranes, ship unloaders, traveling cranes and other type of crane

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#RMBE RANGLAN BUCKET

► Compaction Wheel

Feature:

High quality steel alloys. High strength alloy shaft.
Materials of solid teeth is casting steel, same as the excavator bucket teeth.
Replaceable bearings. Pin mounted or quick coupler.
Larger sizes available upon request.
Available for quick slide-on attach and detach.



Compaction Wheel				
Size	Model	Width(mm)	Diameter(mm)	Weight(kgs)
0-10t	RSBM-CW300	216	582	300
12-19t	RSBM-CW450	324	607	422
20-40t	RSBM-CW600	460	810	966



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#RMBE RANGLAN BUCKET

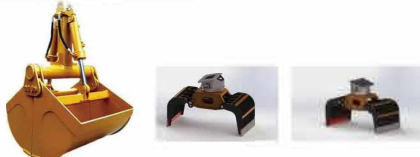
► Clamshell Bucket

Feature:

The opening and closing of clamshells are powered directly by hydraulic cylinders; Providing strong vertical penetration force.

Applications:

Digging of foundation pit and deep chasm; Loading of loose materials such as coal and sand; Especially handy for restricted working space.



► Slab Bucket

Features:

- The elongated profile of this bucket is specifically designed for handling and loading large rocks and blocks. The structure is reinforced using wear-resistant material at the critical points, in order to withstand the heavy-duty work for which it is intended to be used.
- Special protective ribs are welded in place on the inside to protect the bottom of the bucket against being gouged by large rocks.
- Suit for kinds of excavator, 3t-70t excavator.
- A model with a delta-shaped blade is also available, which facilitates handling the material.

Applications: Slab buckets are the tool of choice for the removal of saw cut concrete slabs, pavement slabs and bridge decks.



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► Hydraulic Pulverizer

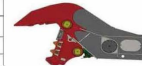
Hydraulic pulverizer is composed with body, hydraulic cylinder, movable jaw and fixed jaw. The external hydraulic system offer hydraulic pressure for the hydraulic cylinder to make the movable jaw and fixed jaw open and close to achieve the effect of crushing objects.

Features

- Large bore dual cylinders: Strong power and excellent durability.
- Speed up valve: Fast cycle time
- Lighter and stronger structure: High tensile special steel plate.
- 360 degree hydraulic rotation optional
- Working efficiency is two or three times of hydraulic breaker



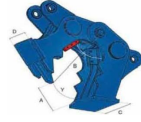
Hydraulic Pulverizer					
Model	RSHP10	RSHP15	RSHP20	RSHP25	RSHP30
Suitable Excavator(Boom Instal)	5-8T	8-12T	12-15T	17-22T	22-29T
Weight(kgs)	800	1550	2500	3500	5000
Suitable Excavator(Arm Instal)	8-12T	12-15T	17-22T	22-29T	35-45T
Weight(kgs)	850	1300	2400	2800	3500
Long th(m)	1300	1740	2430	2635	3100
width(mm)	350	420	580	624	728
Jaw depth(mm)	450	550	732	859	1130
Max jaw opening(mm)	475	690	838	1018	1214
Work Pressure(Bar)	250	330	350	350	350
crushing force at too th tip(ton)	25	65	70	97	120
cutting force at primary cutter(ton)	76	150	230	331	38



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► Mechanical Pulverizer





- Application:
1. Scrap processing
 2. Demolition
 3. C&D processing
 4. Concrete recycling



► Loader Buckets

Features:
Wide and shallow bucket with flat bottom and larger capacity;
Generally with teeth.

Applications:
General digging of clay and loading of sand, earth, crushed stone and gravel, etc.



► Quick Hitch

Double Safety System A switch in the cab enables you to have the safety pin in its "lock" or "release" position effortlessly. Therefore, you needn't getting off the cab. A revolution technology to turn on and off the Safety Pin is not by oil-pressure but rather by using an excavator's battery-powered electrical system.



► Wood Shear

Applications:
Shear and split stumps, logs, ties, poles, and roots for recycling.
Pull stumps from the ground with ease.
Separate dirt, rocks, and other unwanted debris.
Available with hydraulic cylinder or stabilizer arm



► Hydraulic Breaker

- Applicable field:
- a. Mining---Mining, Second-time breaking;
 - b. Metallurgy---Clearing slag, Demolition of furnace and foundation;
 - c. Road---Repairing, Breaking, Foundation work;
 - d. Railway---Tunneling, Demolition of bridge;
 - e. Construction---Demolition of building and reinforced concrete;
 - f. Ship repairing---Clearing clam and rust from the hull;
 - g. Others---Breaking frozen mud



► Hydraulic Compactor

- Feature:
- a. It can be applicable to any position, such as horizon compaction, step compaction, bridge abutment, the trench pit compaction, sugared compaction, the corner turning point, backfill compacted, concrete pavement, patching compacted, tube side compaction etc, our hydraulic compactor can also be used for pulling piles and broken when necessary.
 - b. Specially designed 45 degree inclined vibration-proof rubber absorbs and minimizes shock power.
 - c. Longer lifetime of damper
 - d. No pressure adjustment due to a high pressure generating motor.

