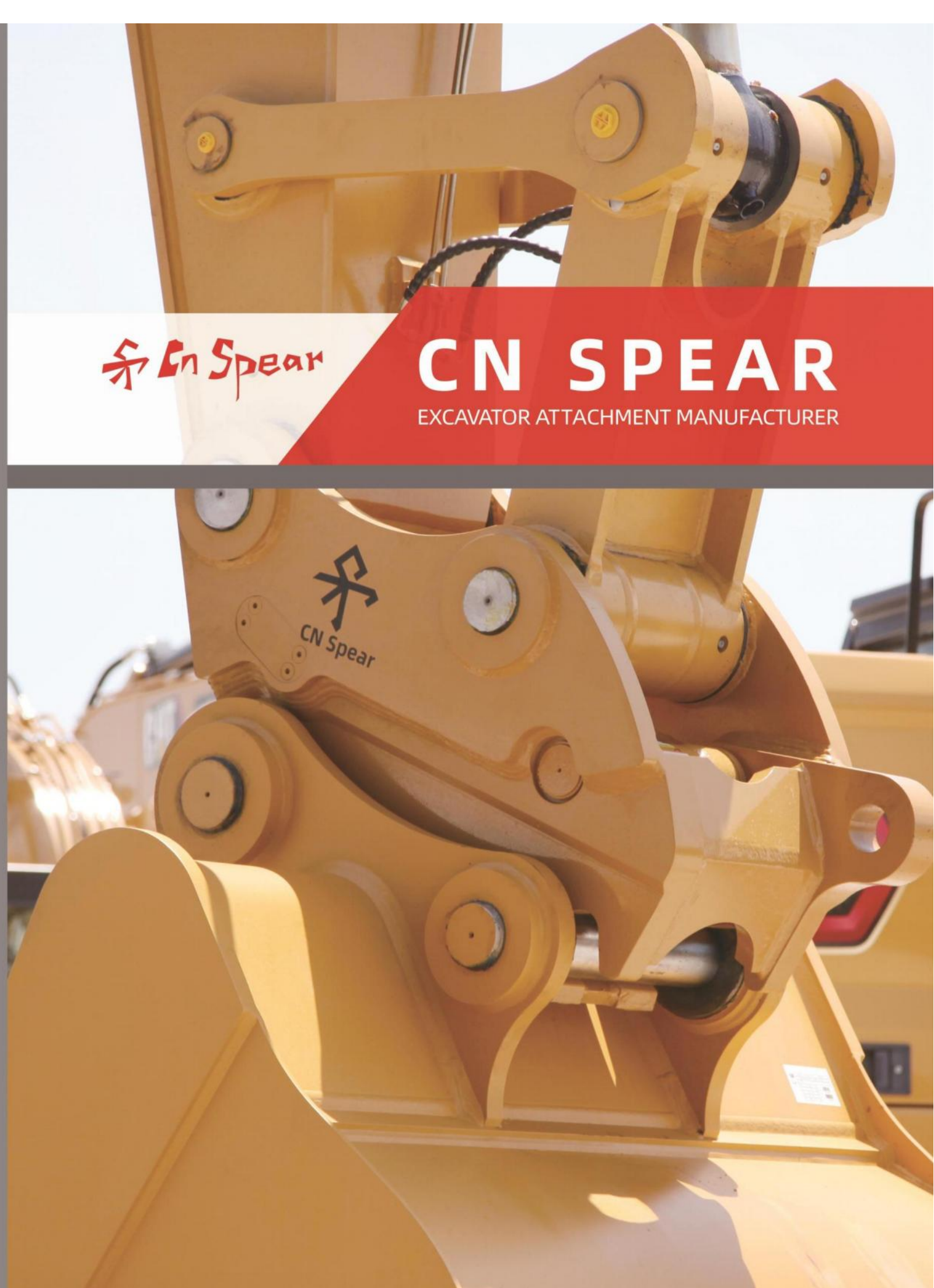




 **CN Spear**

CN SPEAR

EXCAVATOR ATTACHMENT MANUFACTURER





ABOUT US

Who we are

CN Spear — An engineering attachments partner for global markets

CN Spear integrates R&D, manufacturing and market-focused customization, providing end-to-end solutions for excavator attachments. We do more than produce components: we analyze regional operating conditions, user habits, pricing tiers and buying behavior, and turn those insights into scalable, saleable product lines.

Our main products include quick couplers, hydraulic cylinders, tree shears, hydraulic compactors, pulverizers, multi-purpose buckets, ripper teeth, hydraulic breakers and other heavy-duty attachments. Quick couplers alone exceed 45,000 units in annual sales. Our products serve customers across Europe, North America, Australia, Southeast Asia and the Middle East, including dealers, contractors and international OEMs.

CN Spear operates a 14,000 m² production facility with 150+ employees and a technical & sales team of 20+. We are certified to ISO 9001 and CE, and hold 20+ registered patents. Backed by an engineering design system, proven material and heat-treatment practices, CNC machining and automated welding, plus comprehensive factory testing, we ensure each product delivers repeatable, production-grade quality — not one-off prototypes.

Critically, leveraging an extensive installation-dimension and application database covering major global excavator brands, CN Spear rapidly converts market requirements into structurally sound, cost-efficient and marketable product solutions. This reduces trial-and-error, shortens time-to-market and helps partners establish clear, sustainable product positioning in their target markets.

Why choose us?

1. Deep in-house R&D capability

What we do: Our engineering team designs from structure and strength calculations, and iterates products using real market feedback — construction frequency, operator habits, maintenance conditions and price sensitivity. We launch new models annually and support full custom development.

What you get: Faster commercialization of technical improvements. Not the most complex design for its own sake, but the model mix that sells best, generates the fewest complaints, and drives repeat purchases in your target market.

2. Integrated design-to-production workflow

What we do: R&D, process engineering and manufacturing collaborate internally to shorten communication loops.

What you get: Faster response to market windows, shorter lead times and rapid design change implementation — ideal for urgent orders and seasonal peaks, with lower project-delay risk.

3. Rigorous quality control — repeatable, scalable manufacturing

What we do: Every order is produced to confirmed drawings, BOM and process parameters. Full-scope quality control includes CNC machining centers, robotic welding, coordinate measuring machines (CMM) and full-load performance testing prior to shipment.

What you get: High out-of-box reliability, low field failure rates and significantly reduced downtime and after-sales costs — suitable for partners building long-term brands and channels.

4. Premium materials and precise heat-treatment processes

What we do: We use high-strength alloy steels with controlled quench & temper processes and appropriate surface treatments.

What you get: Improved fatigue and wear resistance, lower total cost of ownership (TCO), fewer after-sales disputes and a more stable end-user reputation

5. Market-driven brand co-creation

What we do: We co-define product lines with clients based on local market dynamics:

- Which specifications are worth offering
- Which features are essentials vs. premium add-ons
- Which design choices create clear differentiation from local competitors

What you get: A product portfolio tailored to your market — enabling faster brand establishment, clearer differentiation and higher end-market margins.

6. Broad model compatibility and sustainable product architecture

What we do: Using our installation-dimension database, we design to industry interfaces and standards and scale single best-sellers into series across tonnage, working conditions and configuration tiers while maintaining structural commonality and cost control.

What you get: A fuller product matrix, wider vehicle compatibility, reduced inventory pressure, lower return/retrofit risk, stronger customer retention and lower follow-on development costs.

7. Long-term, partner-style support based on export experience

What we do: Drawing on 10+ years of hands-on R&D, manufacturing and international export operations, we provide selection advice, iteration roadmaps and application optimization.

What you get: Practical, compliant solutions for complex or unusual working conditions — and a partner committed to growing your brand, not just fulfilling a single order.

Brand statement :

CN Spear is more than a manufacturer of excavator attachments — we help our partners bring products to market, establish durable brands, stabilize operations and achieve sustained growth.

» OUR COMPANY



PATENT CERTIFICATE

AUTO DAUL LATCH QUICK COUPLER

Tiltrotator (For 4-14Ton excavators)



1. Worm gear

Custom-designed worm gear, compact structure, large bearing surface, stable operation in 360° clockwise and counterclockwise rotation.

2. Cylinder

The cylinder provides strong power for left and right tilting, and can deflect 45° left and right for flexible operation.

3. Gripper cassette

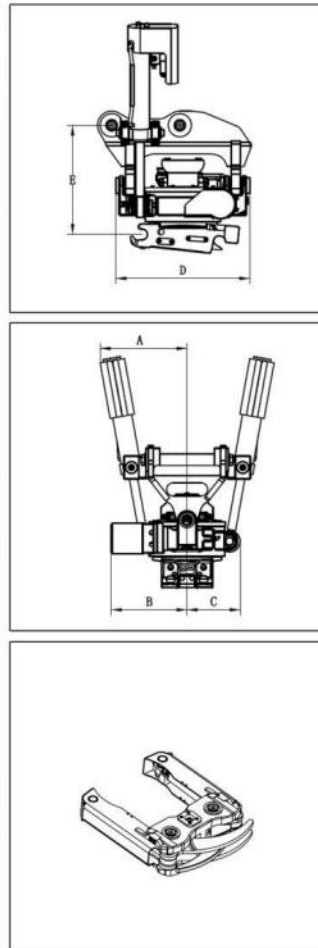
Increased gripping function, wide opening and near-complete closure, flexible to grab any size objects.

4. Quick Coupler Part

Both S quick coupler and general quick coupler are available, connection method can be choose according to needs, and reducing the cost of replacing attachments using tiltrotator.

5. Control System

The control system is equipped with a screen for visual operation. Proportional solenoid valve allows the driver to precisely control every wanted tilt and rotation angle.



Model	Unit	SP-02	SP-04	SP-06
Carrier	Kg	4-6	6-9	9-14
Size	A	mm	340	350
	B	mm	207	260
	C	mm	2090	245
	D	mm	521	621
	E	mm	425	455
Tilt Angel	degree	45°L&R	45°L&R	45°L&R
Operating Pressure	bar	200-250	200-250	200-250
Operating Flow	lpm	35	35	35
Weight	Kg	214	285	410
Coupler				
Coupler Model		S40	S45	S60
Gripper Cassette				
Max Operating Pressure	bar	250	250	250
Opening Width	mm	495	508	550
MIN Gripper DiameterΦ	mm	35	39	39

Rotating Quick Coupler (For 2-33 ton excavator)

I. 360° Rotating

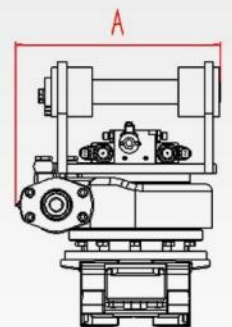
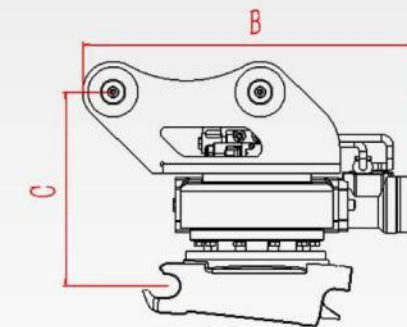
With the support of Spear rotating quick coupler, all attachments can be rotated, more flexible and easy to operate. Allow the excavator to achieve more working

2. Coupler Part

Designed with S coupler , compact design, solid construction and good strength.

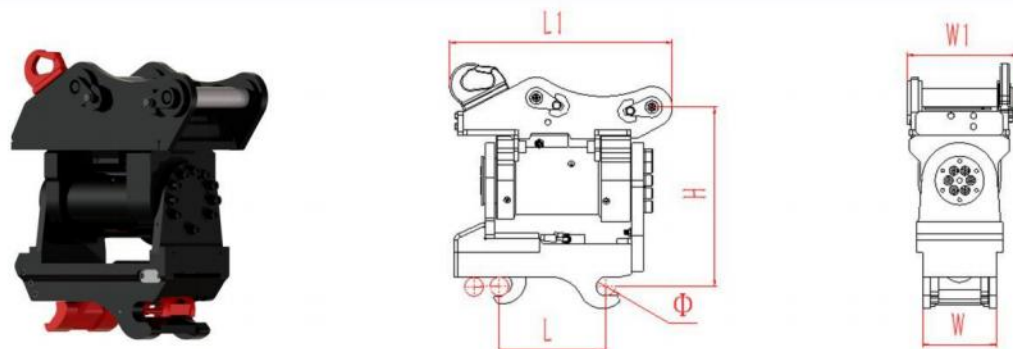
3. Worm Gear

Large worm gear, large bearing area, more stable operation.



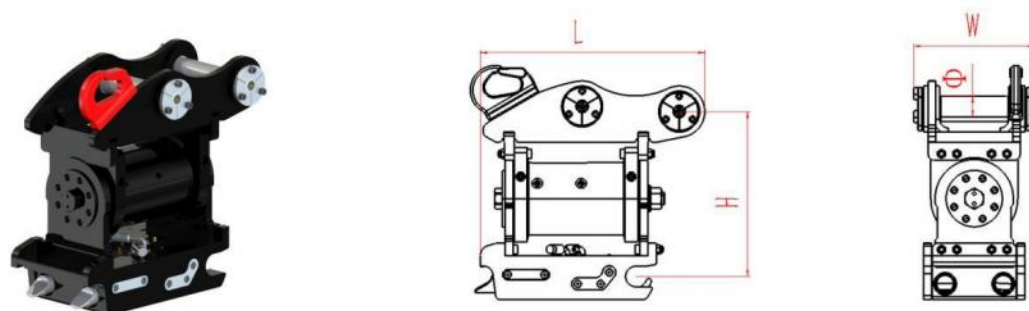
Model	Unit	SP-S40	SP-S50	SP-S60	SP-S70
Carrier	ton	2-6	5-12	12-20	18-33
Operating Pressure	bar	200-250	200-250	200-250	200-250
Operating Flow	lpm	30-80	40-100	80-160	100-180
A	mm	370	410	450	460
B	mm	612	580	610	645
C	mm	349	373	450	464
Weight	Kg	131	200	290	380

Tilt Coupler-A Type (For 0.8-25Ton excavators)



Model	Unit	SP-00A	SP-01A	SP-02A	SP-04A	SP-06A	SP-08A
Carrier	ton	0.8-2.5	3-4	4-6	6-9	10-15	18-25
Pin Diameter	mm	25/30	35/40	45	50/55	60/65	70/80
Lifting Hook Capacity	ton	1T	1T	2T	3T	3T	5T
Tilt Actuator Pressure	bar	210-250	210-250	210-250	210-250	210-250	210-250
Tilt Actuator Flow	lpm	10-20	35-50	55-76	55-76	100-130	170-200
Operating Pressure	bar	25-250	25-250	25-250	25-250	25-250	25-250
Operating Flow	lpm	10-20	10-20	10-20	10-20	10-20	10-20
Width W	mm	90-120	110-145	145-200	160-230	220-310	290-345
Height H	mm	378	418	425	419	536	710
Total Weight	kg	76-77	91-94	141-143	165-171	343-360	498-510

Tilt Coupler-S Type (For 0-33Ton excavators)



Model	Unit	SP-S30	SP-S40	SP-S45	SP-S50	SP-S60	SP-S70
Carrier	ton	0-2	2-6	5-12	5-12	12-20	18-33
Pine Diameter	mm	25-35	35-45	45-60	45-60	60-80	60-90
Lifting Hook Capacity	ton	1T	2T	3T	3T	3T	5T
Tilt Actuator Pressure	bar	210-250	210-250	210-250	210-250	210-250	210-250
Tilt Actuator Flow	lpm	20-30	35-50	55-76	55-76	100-130	100-130
Operating Pressure	bar	25-250	25-250	25-250	25-250	25-250	25-250
Operating Flow	lpm	10-20	10-20	10-20	10-20	10-20	10-20
Length L	mm	360	450	590	600	675	815
Width W	mm	201	236	301	300	348	440
Height H	mm	320	370/400	480	450/480	510	610
Total Weight	kg	65	98/130	265	220/258	400	570

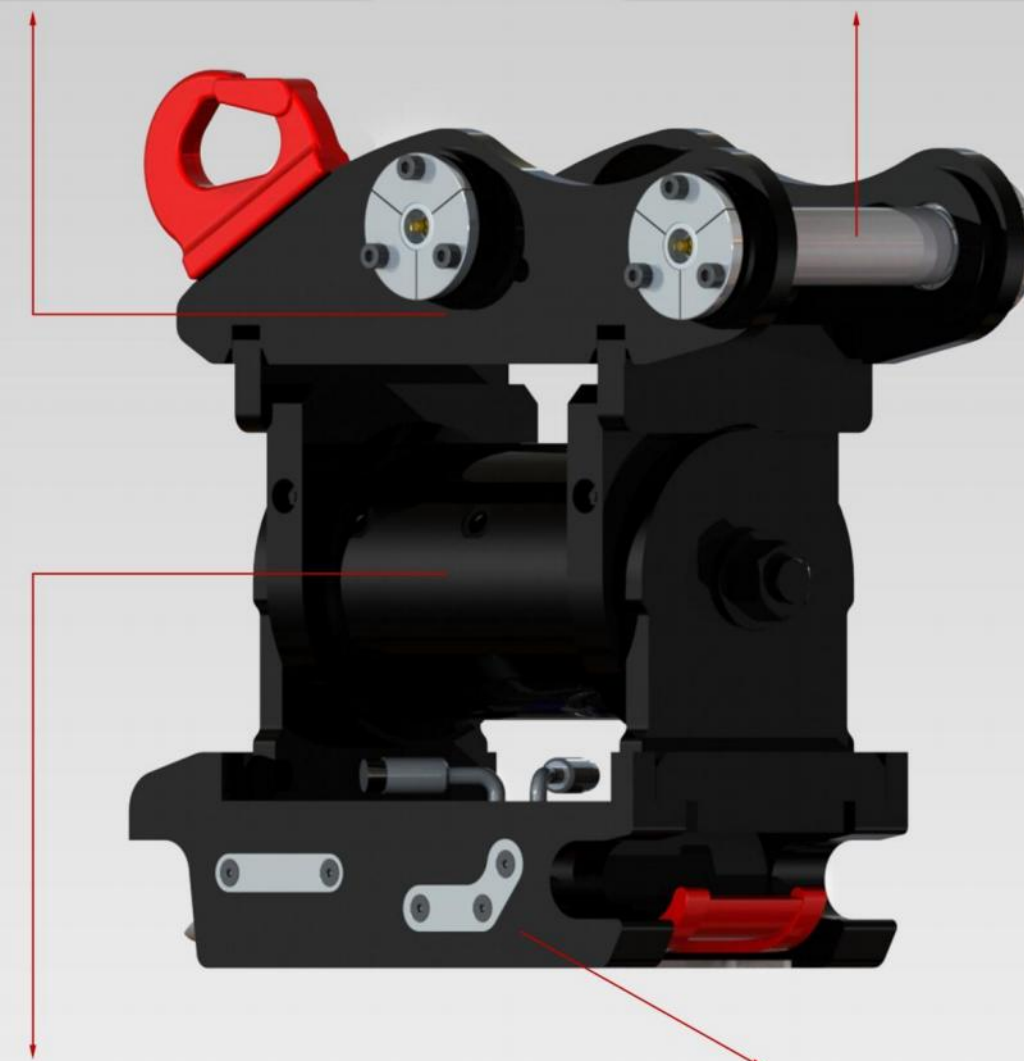
Tilt Coupler

1. Main Body

Bolted Modular body, and can removable for replacement. Durable, compact design minimises tip radius extension.

2. 42CrMo pin

42CrMo Pin has undergone heat treatment and which makes it harder and more wear-resistant.



3. Tilt Actuator

Tilt any bucket or attachment up to 180°

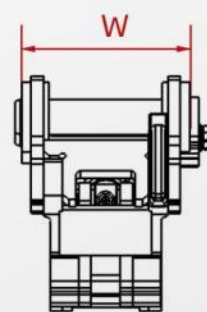
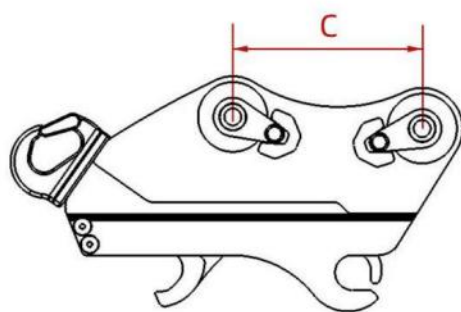
4. Coupler Part

A type and S type coupler optional. Both have auto dual safety latch.



AUTO DAUL LATCH QUICK COUPLER

A Quick Coupler (For 0.8-52Ton excavators)



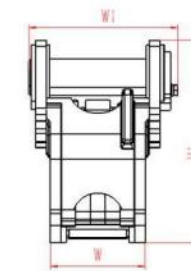
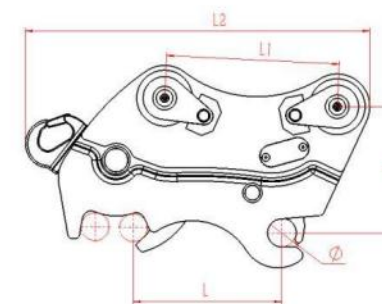
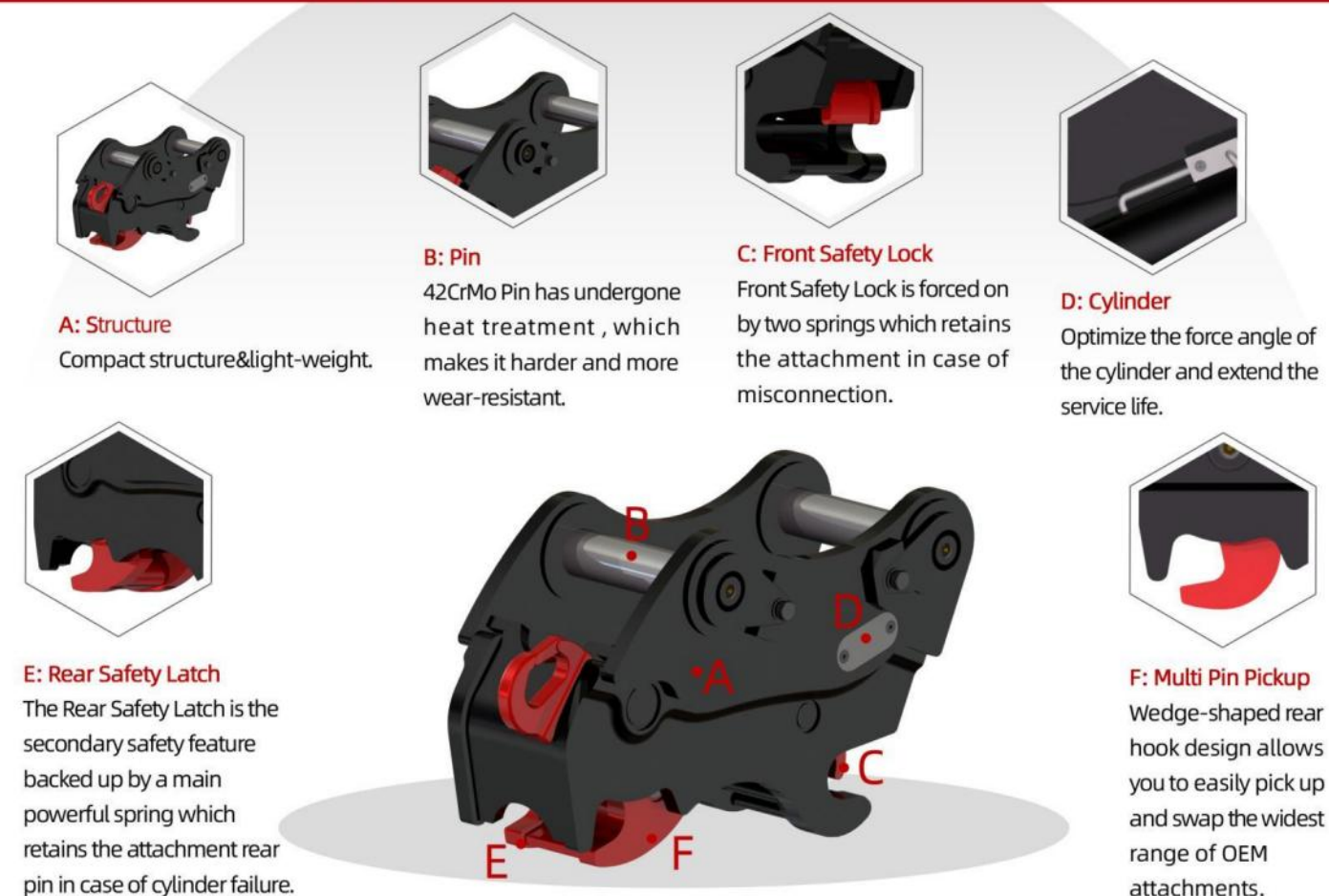
Model	Unit	SP-00	SP-01	SP-02	SP-04	SP-06	SP-08	SP-10	SP-14	SP-17
Carrier	ton	0.8-2.5	3-4	4-6	6-9	10-15	18-25	26-30	30-40	40-52
Pin Diameter	mm	25/30	35/40	45	50/55	60/65	70/80	90/100	100/110	120
Lifting Hook Capacity	ton	1T	1T	2T	3T	3T	5T	8T	10T	10T
Operating Pressure	bar	25-250	25-250	25-250	25-250	25-250	25-250	25-250	25-250	25-250
Operating Flow	lpm	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
Width W	mm	90-120	110-145	145-200	160-230	220-310	290-345	Customized		
Height H	mm	135	175	186	180	210	295			
Total Weight	kg	24-25	39-42	57-59	81-87	143-160	298-310			

WEB: WWW.CNSPEAR.COM



AUTO DAUL LATCH QUICK COUPLER

B Quick Coupler (For 3-52Ton excavators)



Model	Unit	SP-01	SP-02	SP-04	SP-06	SP-08	SP-10	SP-14	SP-17
Carrier	ton	3-4	4-6	6-9	10-15	18-25	26-30	30-40	40-52
Pin Diameter	mm	35/40	45	50/55	60/65	70/80	90/100	100/110	120
Lifting Hook Capacity	ton	1T	2T	3T	3T	5T	8T	10T	10T
Operating Pressure	bar	25-250	25-250	25-250	25-250	25-250	25-250	25-250	25-250
Operating Flow	lpm	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
Width W	mm	125-145	145-200	160-230	220-310	290-345	Customized		
Height H	mm	190	204	226	294	362			
Total Weight	kg	42-44	62-68	96-99	192-199	361-373			

WEB: WWW.CNSPEAR.COM

S Quick Coupler (For 1-26Ton excavators)

1.Versatility

It ensures an exchangeability of attachment within a fleet of machines with different platforms. Consistent tight fit to attachment, low offset, and reliability are the key features.

2.Housing

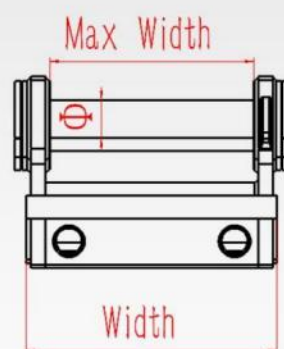
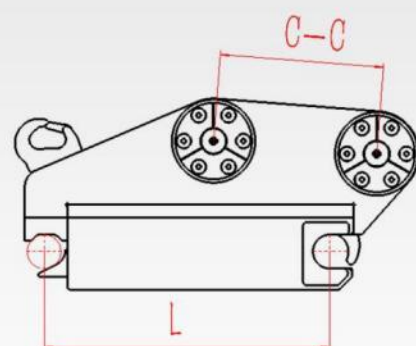
Casting housing , simple and extremely compact structure .

3.Cylinder

The one-piece cylinder assembly provides strong locking and stable safety latch, can be disassembled and assembled as a whole, and is easy to maintain.

4.Front Safety Latch

Front Safety Latch is forced on by two springs which retains the attachment in case of misconnection.



Model	Unit	SP-S30	SP-S40	SP-S45	SP-S50	SP-S60	SP-S70	SP-S80
Carrier	ton	0-2	2-6	5-12	5-12	12-20	18-33	30-43
Pin Diameter	mm	25-35	35-45	45-60	45-60	60-80	60-90	90-110
Lifting Hook capacity	T	1	1	2	2	3	5	5
Operating Pressure	bar	25-250	25-250	25-250	25-250	25-250	25-250	25-250
Operating Flow	lpm	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Pick up L	mm	230	300	430	430	480	600	670
C-C	mm	85-150	160-270	220-365	250-380	330-435	400-520	385-585
Width	mm	180	198	290	270	340	450	590
Max Width	mm	125	160	225	202	300	412	480
Weight	Kg	22	30	84	87	125	256	490

Casting Manual Quick Coupler (For 0.8-23ton excavator)

1. Casting House

Steel integrated housing, high wear resistance.

2. Lead Screw

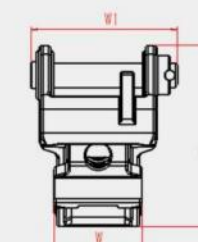
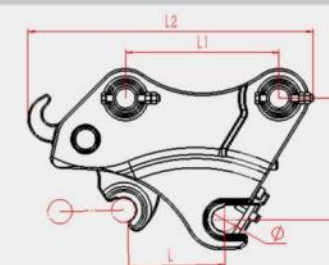
Use a ratchet wrench to adjust the pick up range, precision screw, easy to lock, no retraction.

3. Rear Hook Safety Latch

Manual safety pin, simple operation and convenient maintenance.

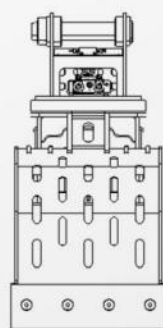
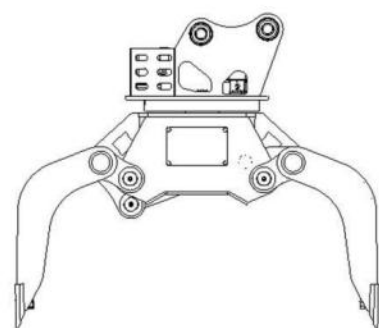
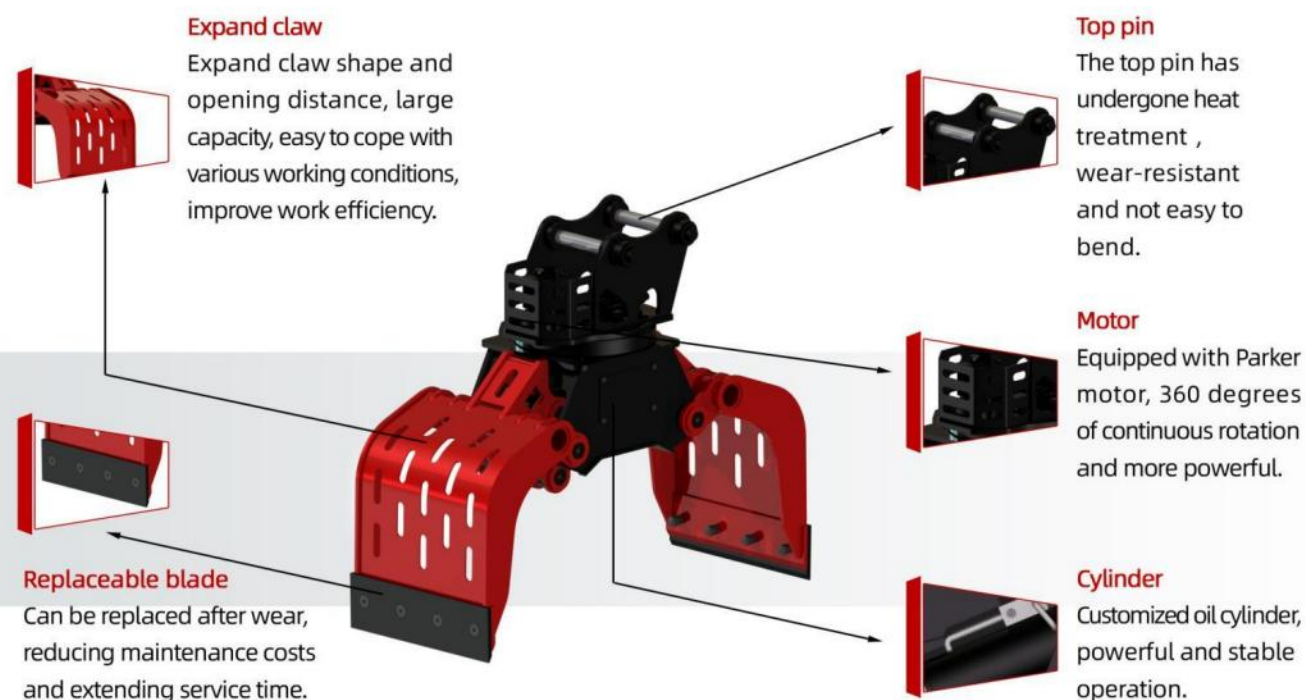
4. Front Hook Safety Latch

Added front hook safety lock for double protection and safe operation.



Model	Unit	SP-00	SP-01	SP-02	SP-04	SP-06	SP-08
Carrier	ton	0.8-2	2-4	4-6	6-8	10-15	16-23
Pin Diameter	mm	25/30	35/40	45	50/55	60/65	70-80
Lifting Hook Capacity	ton	1	1	2	2	3	5
Width W	mm	95-113	120-145	145-200	160-230	230-275	330-337
Total Weight	Kg	26-31.5	28-32	57.5-76.5	60-82	147.5-161.5	349-350.5

SORTING GRAPPLE (For 3-30Ton excavators)



Model	Unit	SP-01	SP-02	SP-04	SP-06	SP-08	SP-10
Carrier	ton	3-4	4-6	6-9	10-15	18-25	26-30
Motor Pressure	bar	90-110	110-140	110-140	130-150	130-150	130-150
Motor Flow	lpm	20-35	40-70	40-70	40-70	40-70	40-70
Rotator Degree	degree	360	360	360	360	360	360
Operating Pressure	bar	180-210	180-210	180-210	190-230	190-250	220-280
Operating Flow	lpm	25-40	30-60	30-60	90-110	100-140	110-150
Max Opening Width	mm	1160	1400	1500	1700	1950	2400
Weight	kg	230	380	460	920	1400	2100

GRAB

ORANGE PEEL GRAPPLE (For 4-25Ton excavators)



1.Top Pin

The top pin has undergone heat treatment, wear-resistant and not easy to bend.

2.Headstock

Multiple headstock options can be personalized, such as two pin, single pin, rotating, and non-rotating also have customized.

3.Hydraulic Hoses

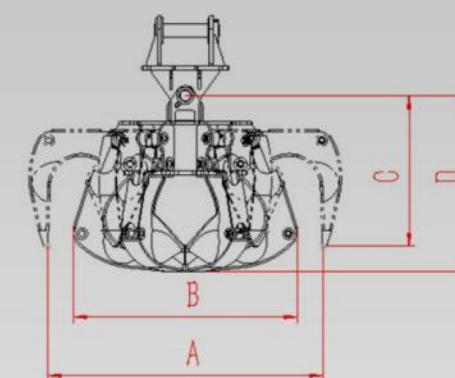
Oil distribution and hydraulic hoses are protected in the center section.

4.Cylinder

Wide-body design, provides full cylinder protection, with full protection to internal flange connections.

5 Opening Width

With a large opening distance and clamping volume, the material is gripped more stably and minimal risk of dropping.



Model	Unit	SP-02/04	SP-06	SP-08
Carrier	Ton	4-9	10-16	16-25
Size	A(mm)	1280	1690	2000
	B(mm)	1080	1390	1700
	C(mm)	910	930	1245
	D(mm)	1040	1090	1490
Close Capacity	m³	0.16	0.28	0.65
Open Capacity	m³	0.6	1.07	2.2
Operating Pressure	Bar	180-210	190-230	190-250
Operating Flow	lpm	15-20	15-20	30-40
Weight	Kg	420	920	1190

GRAB

WOOD GRAPPLE (For 3-35Ton excavators)

1.Cylinder

Double cylinder drive , strong grasping power, solid structure.

2.Fingers

3+2, 4+3, 5+4 fingers for you optional.

3.Bucket Teeth

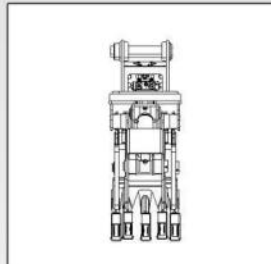
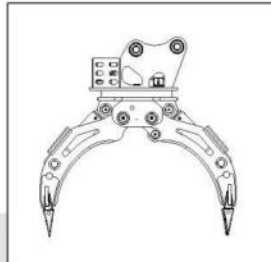
Use cast bucket teeth, which are replaceable.

4.Motor

Equipped with Parker motor, Unlimited clockwise and anti-clockwise 360 degree rotation.

5.Winner Valve

Use Winner valve, which has overload protection function to prevent the cylinder from retracting.



Model	Unit	SP-01	SP-02	SP-04	SP-06	SP-08	SP-10
Carrier	ton	3-4	4-6	6-9	12-16	17-25	26-35
Motor Pressure	bar	90-110	110-140	110-140	130-150	130-150	130-150
Motor Flow	lpm	20-35	40-70	40-70	40-70	40-70	40-70
Rotator Degree	Degree	360	360	360	360	360	360
Operating Pressure	bar	180-210	180-210	180-210	190-230	190-250	220-280
Operating Flow	lpm	25-40	30-60	30-60	90-110	100-140	110-150
Max Opening Width	mm	1160	1400	1500	1700	1950	2400
Weight	kg	210-230	340-370	440-460	750-790	1570-1690	1750-2100

GRAB

MULTI GRAPPLE (For 3-35Ton excavators)



B : Winner Valve

Use Winner valve, which has overload protection function to prevent the cylinder from retracting.



C : Motor

Suitable with Parker motor, Unlimited clockwise and anti-clockwise 360 degree rotation.



D : Cylinder

Double cylinder drive , strong grasping power , solid structure.



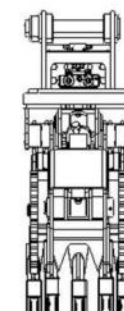
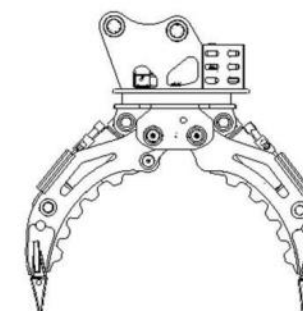
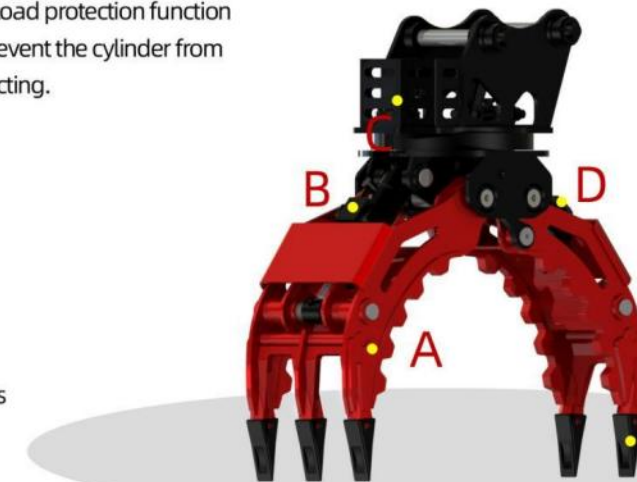
E : Bucket Teeth

Cast bucket teeth, universal and replaceable.



A : Fingers

3+2, 4+3, 5+4 fingers optional.



Model	Unit	SP-01	SP-02	SP-04	SP-06	SP-08	SP-10
Carrier	ton	3-4	4-6	6-9	12-16	17-25	26-35
Motor Pressure	bar	90-110	110-140	110-140	130-150	130-150	130-150
Motor Flow	lpm	20-35	40-70	40-70	40-70	40-70	40-70
Rotator Degree	Degree	360	360	360	360	360	360
Operating Pressure	bar	180-210	180-210	180-210	190-230	190-250	220-280
Operating Flow	lpm	25-40	30-60	30-60	90-110	100-140	110-150
Max Opening Width	mm	1160	1400	1500	1700	1950	2400
Weight	kg	210-230	340-370	440-460	750-790	1570-1690	2100-2300

GRAB

ROCK GRAB (For 1-35Ton excavators)

1. Robust Construction

Heavy- duty robust construction for increased lateral strength and durability.

2. Cylinder

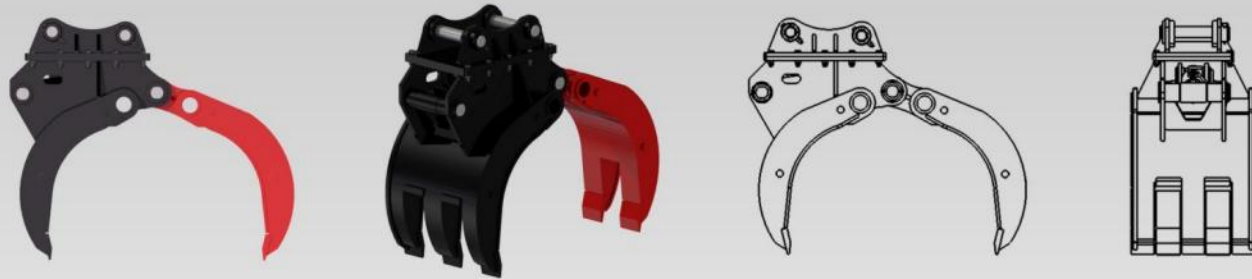
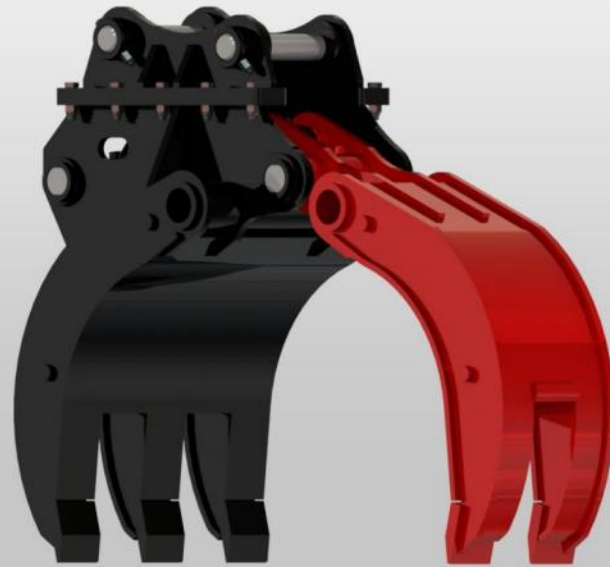
Powerful hydraulic cylinder with Hallite seals.

3. Winner Valve

Equipped with Winner valve, which has overload protection function to prevent the cylinder from retracting.

4. Five Finger Construction

Five-finger construction - better handling of awkward materials and offers more flexibility and versatility.



MODEL	Unit	SP-mini	SP-01	SP-02	SP-04	SP-06	SP-08	SP-10
Carrier	ton	1-2	2-3	4-6	6-9	12-16	17-23	26-35
Max Opening Width	mm	610	745	830	890	1225	1510	1900
Height B	mm	680	900	1000	1105	1325	1675	1675
Width C	mm	435	400	495	545	620	820	820
Operating Pressure	bar	180-210	180-210	180-210	180-210	190-230	190-250	220-280
Operating Flow	lpm	15-30	25-40	30-60	30-60	90-110	100-140	110-150
Weight	kg	110-130	130-190	250-290	350-380	570-620	1200-1250	1930

GRAB

GRAB BUCKET (For 1.5-30Ton excavators)

1. Top Pin

The top pin has undergone heat treatment, wear-resistant and not easy to bend.

2. Material

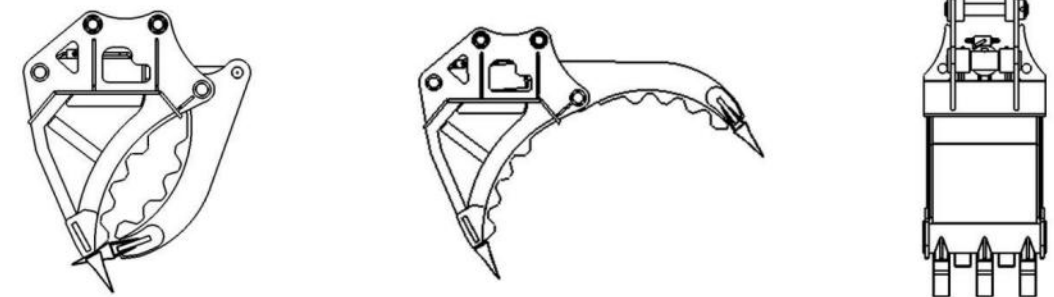
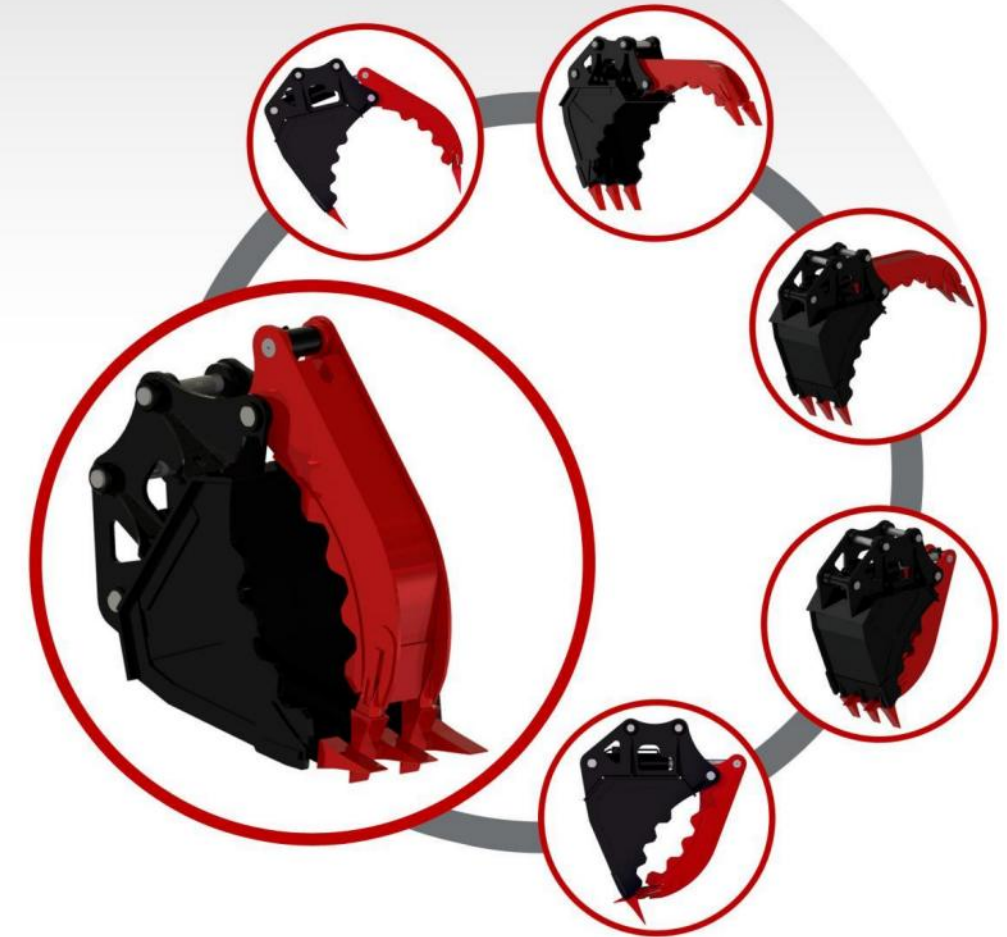
more wear resistance and Longer lifetime due to Q345B, NM400.

3. Cylinder

Fitted with an extra large hydraulic cylinder, ensuring maximum force output and grab strength.

4. Thumb Part

Ensures multifunctionality with integrated dig-and-grab functionality.



Model	Unit	SP-00	SP-01	SP-02	SP-04	SP-06	SP-08	SP-10
Carrier	ton	1.5-3	3-4	4-6	6-9	9-16	17-23	25-30
Max Opening Width	mm	770	900	1300	1400	1800	2275	2300
Bucket width	mm	300	350/400	400	400	530	700	1000
Operating Pressure	bar	180-210	180-210	180-210	180-210	190-230	190-250	220-280
Operating Flow	lpm	15-30	25-40	30-60	30-60	90-110	100-140	110-150
Weight	kg	90-120	156	260	300	730	1260	1550

Tree Shear (For 0.8-25Ton excavators)

A : Main Body

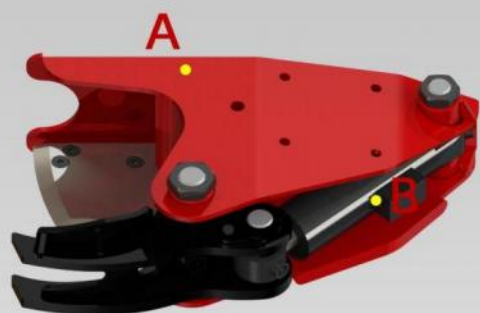
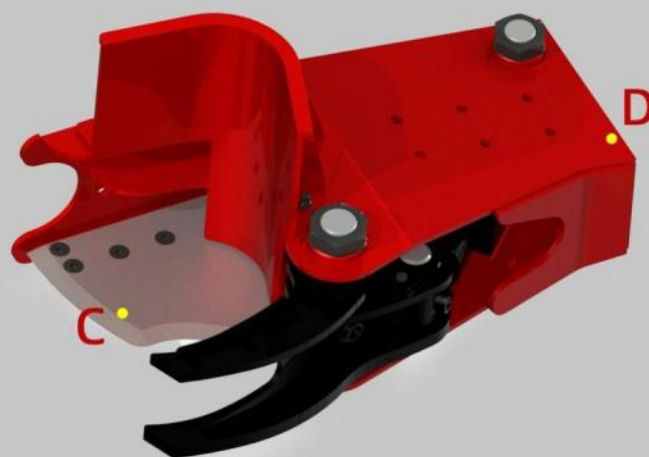


The main body adopts a horizontal box-shaped design. Cutting force can be increased by pushing with the machine while cutting, so the blade sinks into the tree more efficiently.

B : Cylinder



Customized cylinder provide powerful cutting force. All models cover 150-400mm tree cutting diameters, ideal for processing branches, shrubs and hedges.



C : Blade



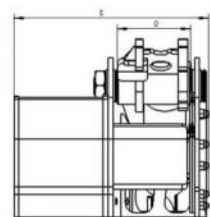
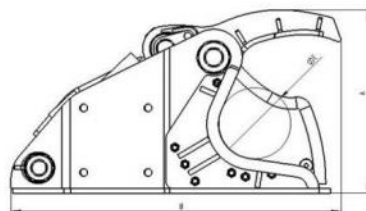
Heat treated and quenched NM400 bolt-on blade, high hardness, more wear-resistant.

D : Headstock



Bolt-on replaceable 2 pin headstock, can be customized to size to fit any excavator

Model		Unit	SP-150	SP-200	SP-300	SP-400
Carrier		Ton	0.8-1.8	1.5-5	5-15	10 - 25
Operating Pressure		Bar	180-210	180-210	190-230	190-250
Operating Flow		lpm	10-15	20-25	70-90	110-140
Size	A (Height)	mm	417	532	801	1078
	B (Length)	mm	707	882	1177	1730
	C (Width)	mm	417	510	777	1020
	D (Width)	mm	160	210	329	448
Cutting Diameter E		mm	154	204	304	406
Weight		Kg	90	158	350	793



Hydraulic Compactor (For 2-40 ton excavator)



A: Motor

Direct-drive, heavy-duty Permco Motor.



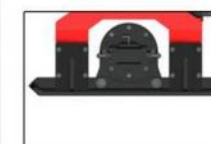
B: Rubber Shock Mounts

Buffers vibration from the hydraulic tamping base plate, reducing damage to the excavator and making the operator more comfortable.



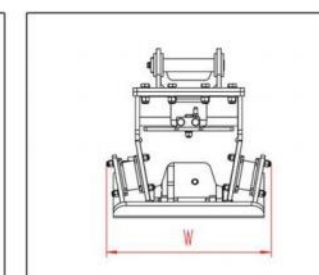
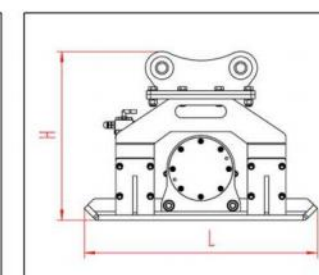
C: Angled Suspension

Optimize the force-bearing structure to disperse more vibration and impact.



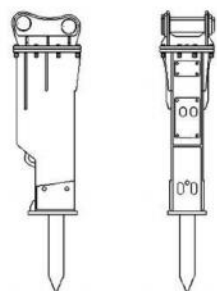
D: Base Plate

High quality material, wear-resistant, no cracking.

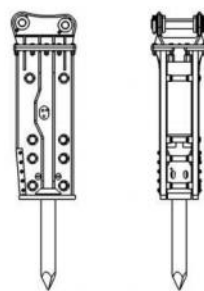


Model	Unit	SP-Mini	SP-02/04	SP-06	SP-08	SP-10
Carrier	ton	2-4	4-10	1216	18-24	30-40
Operating Pressure	bar	100-250	100-250	100-250	150-250	150-250
Operating Flow	L/min	30-60	45-85	85-105	120-170	120-170
Frequency	rpm/min	2000	2000	2000	2200	2200
Compacting Force	ton	3	4	6.5	11	15
Compaction plate size	mm	550*450	800*590	915*700	1300*900	1500*1000
Length L	mm	620	912	1050	1400	1600
Width W	mm	450	637	720	980	1000
Height H	mm	648	670	818	1012	1020
Weight	Kg	200	372	560	930	1090

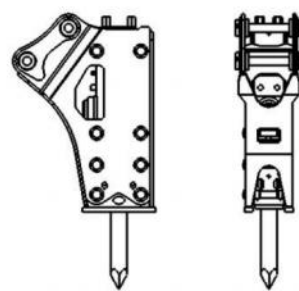
HYDRAULIC BREAKER (For 1.2-80 ton excavator)



Box Type



Top Type



Side Type

Model	Unit	SP-45	SP-53	SP-68	SP-75	SP-85	SP-100
Body Weight	kg	67	85	152	210	278	475
	lbs	148	187	335	463	613	1047
Total Weight (Side/Top/Box)	kg	91/91/125	154/154/151	259/339/357	331/405/446	554/633/729	757/862/1003
Operating pressure	bar	88-117	88-117	108-137	118-147	127-157	147-167
Hydraulic flow range	L /min	20-30	25-50	40-70	50-90	60-100	80-110
Impact	bpm	700-1200	600-1100	500-900	400-800	400-800	350-700
Diameter of hose	mm	12.7	12.7	12.7	12.7	19.05	19.05
Diameter of Tool	mm	45	53	68	75	85	100
Carrier	ton	1.2-3.0	2.5-4.5	4-7	6-9	7-14	10-15
Model	Unit	SP-125	SP-135	SP-140	SP-140A	SP-150	SP-155
Body Weight	kg	616	846	916	952	1088	1309
	lbs	1358	1865	2019	2099	2399	2886
Total Weight (Side/Top/Box)	kg	1273/1304/1367	1649/1843/1889	1763/2055/2007	1805/2090/2007	214/2376/2453	2573/2750/2964
Operating pressure	bar	147-167	157-176	157-176	157-176	157-176	176-196
Hydraulic flow range	L /min	90-120	130-150	120-180	120-180	150-190	200-260
Impact	bpm	350-650	400-800	350-500	350-500	350-700	250-400
Diameter of hose	mm	25.4	25.4	25.4	25.4	25.4	31.75
Diameter of Tool	mm	125	135	140	140	150	155
Carrier	ton	15-18	18-26	18-26	18-26	27-35	28-36
Model	Unit	SP-165	SP-165F	SP-175	SP-185F	SP-195	SP-210
Body Weight	kg	1438	1586	1929	2411	2626	3396
	lbs	3170	3496	4253	5315	5789	7487
Total Weight (Side/Top/Box)	kg	2747/3152/2912	3273/3443/2917	3901/4053/3898	4376/4809	5039/5164	6683/6993
Operating pressure	bar	176-196	176-196	176-196	186-216	186-216	196-235
Hydraulic flow range	L /min	200-260	200-260	210-290	220-270	220-290	290-350
Impact	bpm	250-400	250-380	200-350	200-250	180-200	150-200
Diameter of hose	mm	31.75	31.75	31.75	31.75	31.75	31.75
Diameter of Tool	mm	165	165	175	185	195	210
Carrier	ton	30-40	30-40	35-40	35-45	40-55	60-80

HYDRAULIC BREAKER

Internal Valve Type

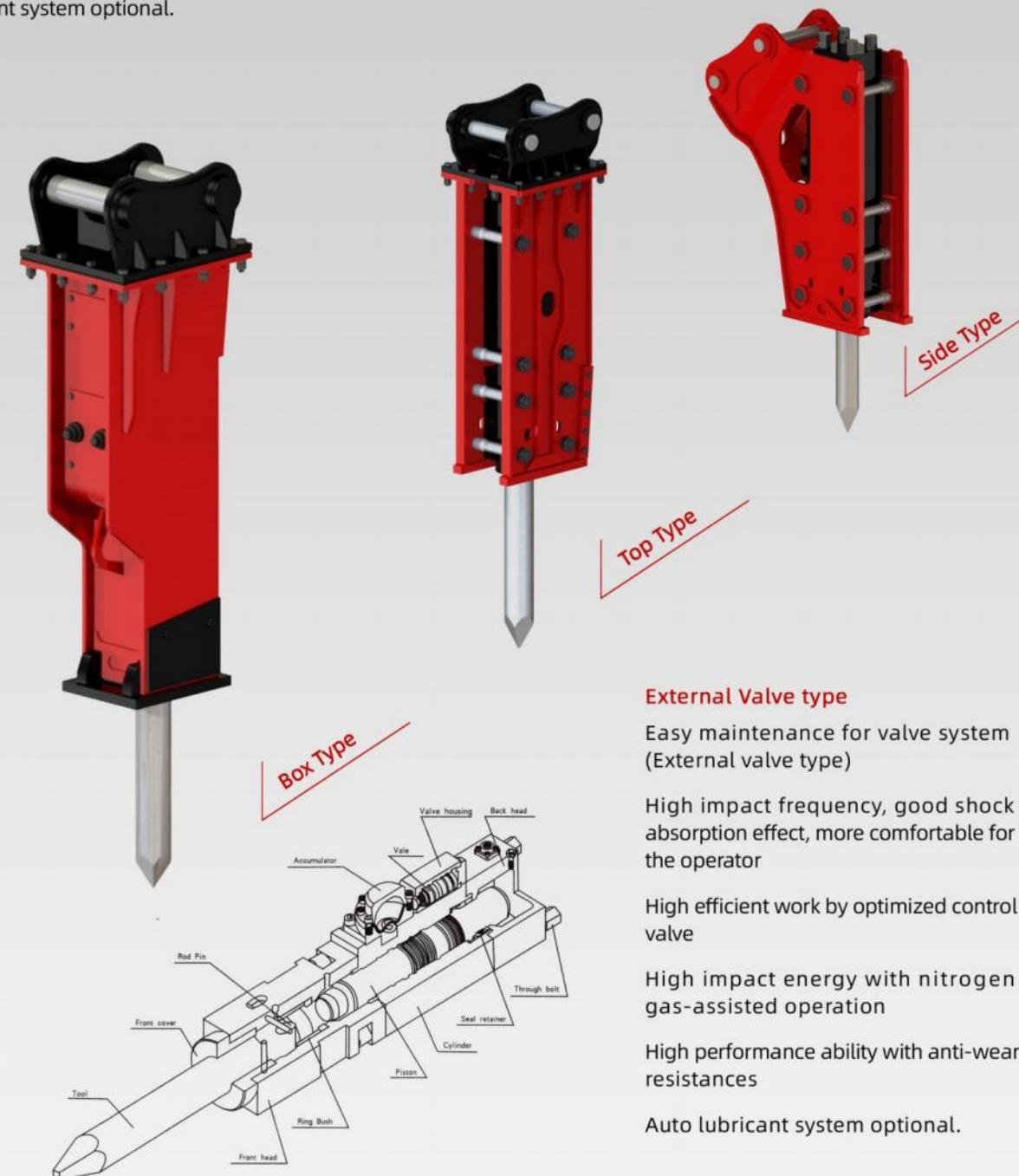
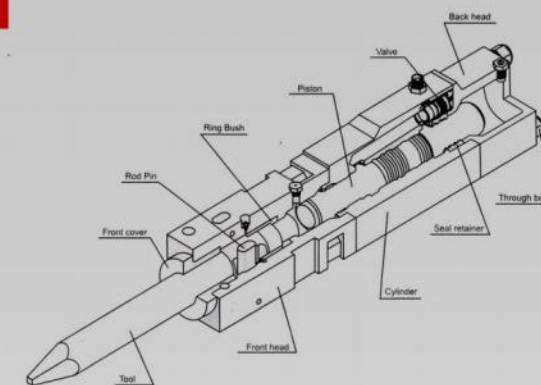
Box typed housing design

Polyurethane buffer block noise reduction and shock absorption

High impact energy & Low noise level

High performance ability & Low maintenance cost

Auto lubricant system optional.



External Valve type

Easy maintenance for valve system (External valve type)

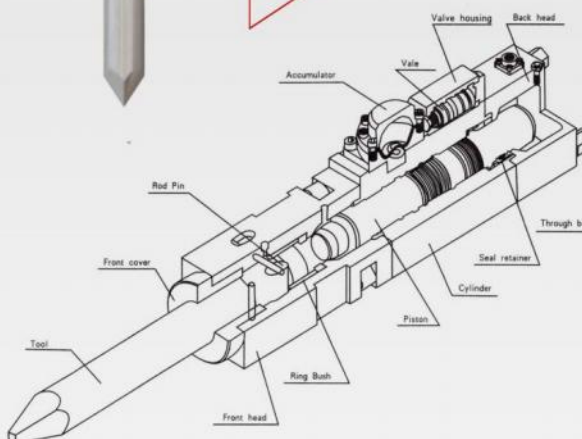
High impact frequency, good shock absorption effect, more comfortable for the operator

High efficient work by optimized control valve

High impact energy with nitrogen gas-assisted operation

High performance ability with anti-wear resistances

Auto lubricant system optional.



Hydraulic Pulverizer (For 4-45 excavator)

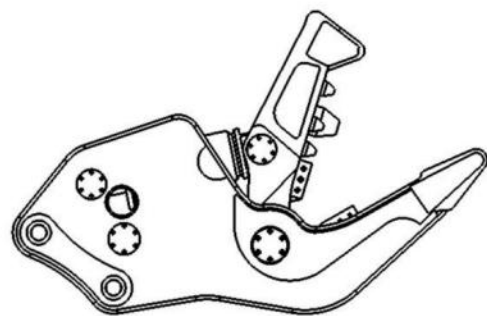
The pulverizer is the perfect secondary demolition equipment that can effectively separate concrete and steel bars

SP series hydraulic crushing jaws are made of high-quality wear-resistant steel and high-performance hydraulic cylinders to meet the needs of different working conditions.

Equipped with high-strength blades to easily cut steel bars.

Easy and quick installation

During demolition work, using it with a breaker can greatly improve work efficiency.



Model	Unit	SP-02	SP-04	SP-06	SP-08	SP-10	SP-14
Carrier	ton	4-5	6-9	10-15	18-24	25-38	40-45
Operating pressure	Mpa	24.5	24.5	31.4	31.4	31.4	31.4
Opening Width	mm	540	600	820	1075	1075	1075
Cutting Blade Length	mm	70	70	120	200	200	210
Crushing Force A	KN	178	226	547	725	1060	1220
Crushing Force B	KN	282	353	882	1170	1740	1930
Weight	bar	240	380	730	1450	1830	2450

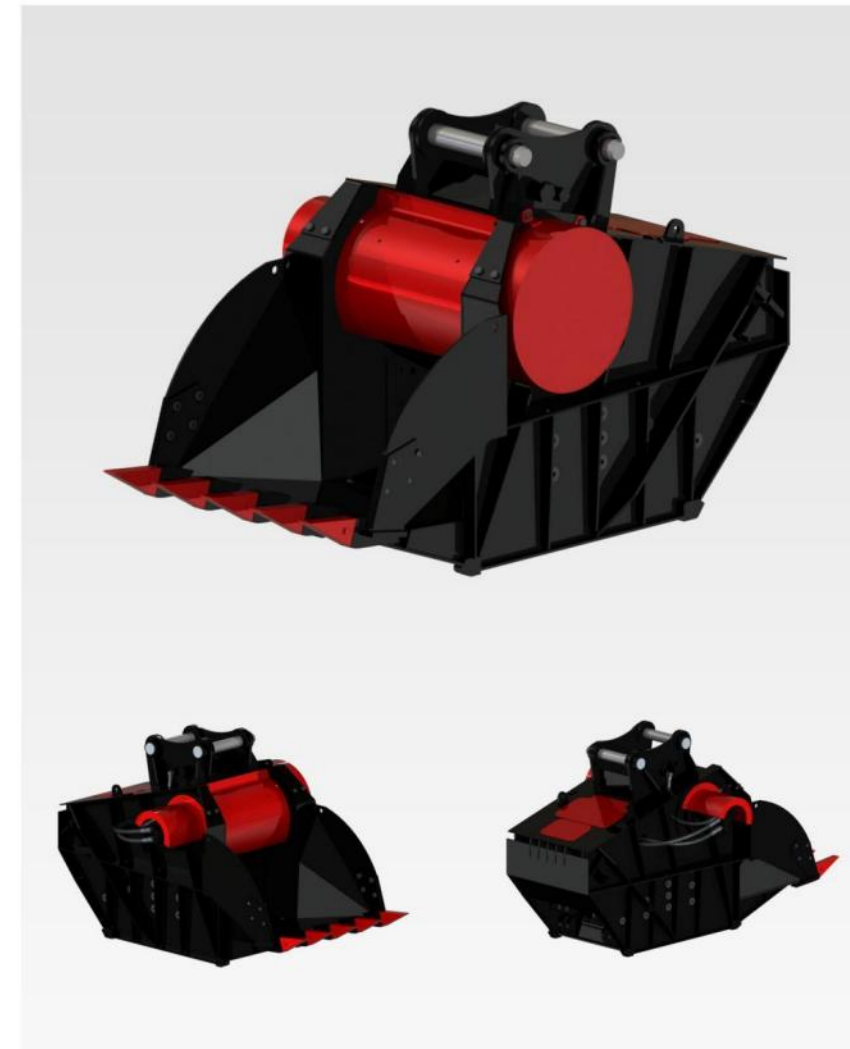
Crusher Bucket (For 10-45 ton excavator)

Jaw Plate

The jaw plate made of high-strength wear-resistant plate can be used alternately up and down, or reversed front and back, extending the service life and reducing the risk of wear and tear. Low consumable costs.

Large Load Flow

It can support the combined flow of two pumps. After modification, the crushing efficiency can be increased by 1.5-2 times.

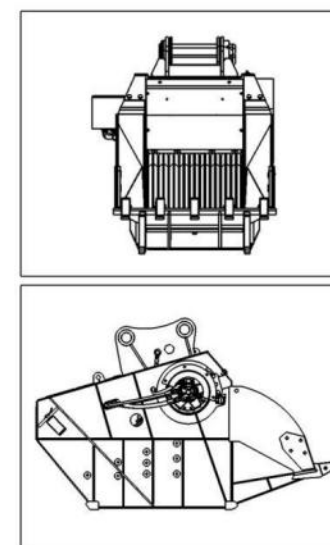


Main Body

The bucket opening is high, making it easy to crush large materials, and the discharge size is adjustable from 15 to 120 mm.

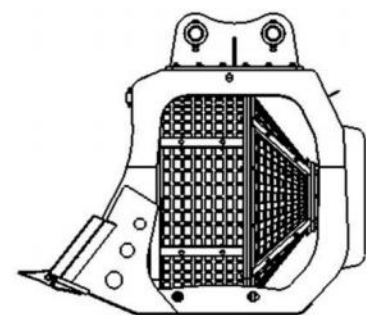
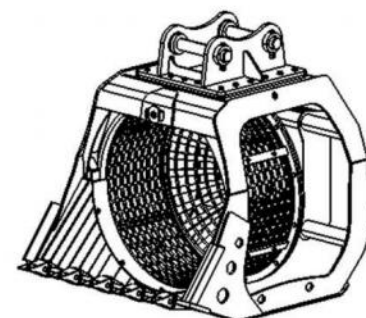
Motor

High-torque motor with strong power can easily crush concrete blocks, cobblestones, pbluestone, basalt and other stones. The forward and reverse rotation can be switched within 1-3 seconds to prevent materials from blocking the output port.



Model	Unit	SP-06	SP-08	SP-10	SP-14
Carrier	ton	10-15	20-25	30-40	40-45
Capacity	m³	0.5	0.9	1.3	1.4
Operating Pressure	Mpa	15	15	15	15
Max Pressure	Mpa	25	25	25	25
Operating Flow	l/min	90	150	230	260
Inlet Size	mm	550*450	700*600	900*700	1100*700
Output Size	mm	15-120	15-120	15-120	15-120
Overall Size	mm	1850*1080*1300	2580*1380*1550	3120*1665*1770	3120*2010*1840
Bucket Weight	kg	1800	3000	4500	5200
Output					
Stone Diameter	15mm	7.87	11.12	16.97	23.82
	40mm	11.89	16.52	24.21	34.68
	60mm	13.86	19.92	28.81	42.23
	80mm	16.71	23.12	33.59	48.27
	100mm	18.65	26.19	38.01	56.19
	120mm	21.41	30.38	43.58	63.81

Screen Bucket (For 15-35 excavator)



Motor

The motor directly drives the drum to rotate, which can quickly screen materials.

Mesh Basket

Screen mesh basket can be changed based on output size, mesh basket size can be customized as requires.

Easy to install, it can share the hydraulic breaker pipelines and just add one more housing return pipeline.

Model	Unit	SP-06	SP-08	SP-10
Carrier	ton	15-20	20-30	30-35
Weight	kg	1200	2000	2800
Capacity	m ³	0.8	1.6	2.4
Mesh Basket Diameter*Depth	mm	1080*1000	1180*1130	1450*1270
Operating Pressure	MPa	17	17	17
Max Pressure	lpm	25	25	25
Operating Flow	L/min	60	60	60

Tilt Bucket (For 1.5-35 ton excavator)

Cylinder

Tilt mechanism is powered by cylinders and tilt the bucket 45 degrees on each side.

Cutting Edge

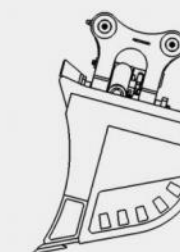
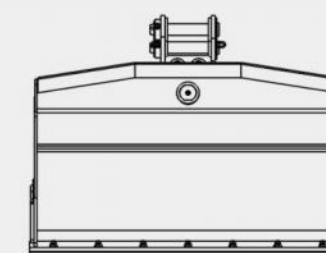
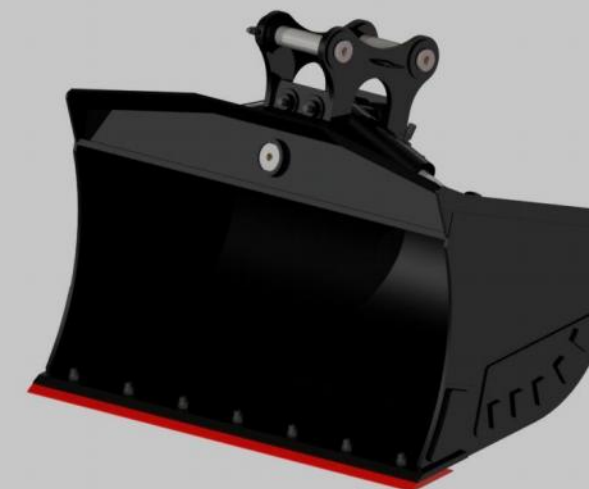
All tilt mud buckets have bolt-on cutting edge made of NM400.

Balance Valve

All cylinders are equipped with balance valves to ensure smooth operation and avoid cylinder damage.

Pin

Fully greaseable hardened pins with heat treatment, wear-resistant and not easy to bend , ensuring low maintenance costs.



Model	Unit	SP-00		SP-01			SP-02			SP-04		SP-06		SP-08	SP-10
Carrier	Ton	1.5-2		2-3	3-4		4-5		5-6	9-10		12-14	16-18	20-25	30-35
Capacity	m³	0.06	0.07	0.12	0.16	0.21	0.22	0.24	0.33	0.4	0.51	0.81	0.93	1.59	2.4
Bucket Width	mm	900	10000	1000	1000	1200	1000	1200	1200	1200	1500	1500	1500	2000	2000
Operating Pressure	bar	180-210		180-210	180-210		180-210			180-210		190-230		190-250	220-280
Operating Flow	lpm	10-20		10-20	10-20		10-20			10-20		10-20		10-20	10-20