www.ace-breaker.com

ISO9001 Certificate

ISO14001 Cerificate

Safety standards certificate

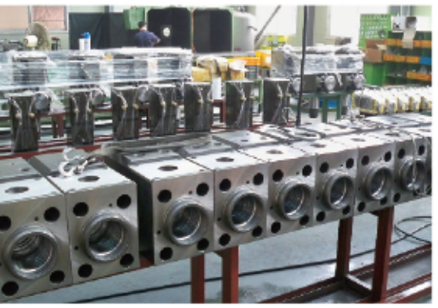
ACE HEAVY MACHINERY CO., LTD

ACE makes difference,

The difference makes a better world.

ACE TOP TYPE

- Easy & Fast Maintenance!
- Ready to work at any working sites!
- Priority system for customer satisfaction!



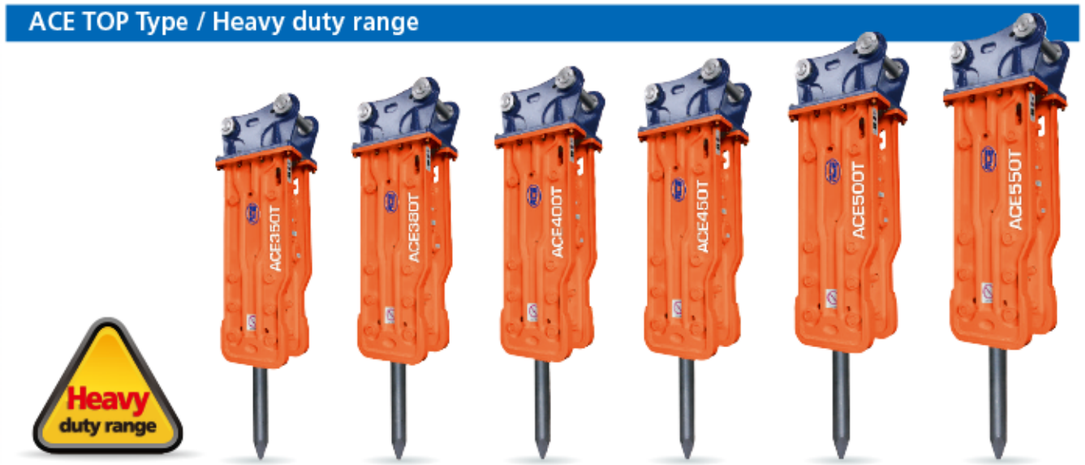
ACE TOP Type / Light duty range

ITEM / MODEL	UNIT	ACE 20T	ACE 30T	ACE 35T	ACE 40T	ACE 50T	ACE 70T
Operating Weight	kg	100	120	189	298	375	577
	lb	220	265	417	657	827	1,272
Oil Capacity	l/min	20 ~ 40	25 ~ 50	30 ~ 60	40 ~ 70	50 ~ 90	60 ~100
Setting pressure	bar (psi)	140 (2,031)	150 (2,176)	150 (2,176)	160 (2,321)	180 (2,611)	180 (2,611)
Operating pressure	bar	90 ~ 120	90 ~ 120	100 ~ 130	110~140	120~150	130~160
	psi	1,305 ~ 1,740	1,305 ~ 1,740	1,450 ~ 1,885	1,596 ~ 2,031	1,740 ~ 2,176	1,885 ~ 2,321
Impact rate	bpm	700 ~ 1,200	600 ~ 1,100	500 ~ 1,000	500 ~ 900	400 ~ 800	400 ~ 800
Impact energy	kgf.m (Joule)	16.2 (159)	32 (314)	48 (470)	65 (637)	75 (735)	138.2 (1,354)
Hose diameter	inch	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"
Tool diameter	mm	45	53	60	68	75	85
Tool length	mm	500	550	600	700	800	900
Carrier weight	ton	1.2 ~ 3.0	2.5 ~ 4.5	3.0~5.5	4 ~ 7	6 ~ 9	7 ~14

ACE TOP Type / Medium duty range

ITEM / MODEL	UNIT	ACE 100T	ACE 150T	ACE 160T	ACE 200T	ACE 220T	ACE 250T
Operating Weight	kg	890	1,210	1,431	1,675	1,700	1,786
	lb	1,962	2,668	3,155	3,693	3,748	3,937
Oil Capacity	l/min	80 ~110	90 ~120	90 ~120	100~150	125 ~150	120~180
Setting pressure	bar (psi)	190 (2,756)	210 (3,046)	210 (3,046)	210 (3,046)	210 (3,046)	210 (3,046)
Operating pressure	bar	150~170	150 ~ 170	150~170	160~180	160~180	160~180
	psi	2,176 ~ 2,466	2,176 ~ 2,466	2,176 ~ 2,466	2,321 ~ 2,611	2,321 ~ 2,611	2,321 ~ 2,611
Impact rate	bpm	350~700	400 ~ 900	350 ~ 650	350 ~ 600	400 ~ 800	350~500
Impact energy	kgf.m (Joule)	160.2 (1,570)	260 (2,549)	276.5 (2,710)	360 (3,724)	430 (4,217)	475 (4,655)
Hose diameter	inch	3/4"	1"	1"	1"	1"	1"
Tool diameter	mm	100	120	125	135	135	140
Tool length	mm	1,000	1,100	1,100	1,200	1,200	1,300
Carrier weight	ton	11~16	13~18	15~18	16~21	18~26	18~26

ACE TOP Type / Heavy duty range



ITEM / MODEL	UNIT	ACE 350T	ACE 380T	ACE 400T	ACE 450T	ACE 500T	ACE 550T
Operating Weight	kg	2,100	2,237	2,838	3,310	3,065	4,002
	lb	4,630	4,932	6,257	7,297	6,757	8,823
Oil Capacity	l/min	160 ~190	150 ~210	180~240	200 ~250	200~260	210~290
Setting pressure	bar (psi)	230 (3,336)	230 (3,336)	230 (3,336)	240 (3,481)	250 (3,626)	250 (3,626)
Operating pressure	bar	160~180	160~180	160~180	160~180	160~180	160~180
	psi	2,321~ 2,611	2,321 ~ 2,611	2,321~ 2,611	2,321~ 2,611	2,321~ 2,611	2,321 ~ 2,611
Impact rate	bpm	360 ~ 700	300 ~ 450	300 ~ 450	300 ~ 350	250 ~ 400	200 ~ 350
Impact energy	kgf.m (Joule)	600 (5,884)	620 (6,080)	656 (6,429)	920 (9,022)	1,340 (13,132)	1,547 (15,161)
Hose diameter	inch	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Tool diameter	mm	150	150	155	160	165	175
Tool length	mm	1,300	1,400	1,500	1,400	1,600	1,600
Carrier weight	ton	27~35	25 ~30	28~35	32 ~ 44	30~45	40~55

ACE BL / SL TYPE & ATTACHMENTS

- Easy & Fast Maintenance!
- Excellent Performance!
- High Quality & Advanced Technology!

ACE Backhoe Loader Type

ITEM / MODEL	UNIT	ACE 35BL	ACE 40BL	ACE 50BL
Operating Weight	kg	189	298	375
	lb	417	657	827
Oil Capacity	l/min	30 ~ 60	40 ~ 70	50 ~ 90
Setting pressure	bar (psi)	150 (2,176)	160 (2,321)	180 (2,611)
Operating pressure	bar	100 ~ 130	110~140	120~150
	psi	1,450 ~ 1,885	1,596 ~ 2,031	(1,740 ~ 2,176)
Impact rate	bpm	500 ~ 1,000	500 ~ 900	400 ~ 800
Impact energy	kgf.m (Joule)	48 (470)	65 (637)	75 (735)
Hose diameter	inch	1/2"	1/2"	1/2"
Tool diameter	mm	60	68	75
Tool length	mm	600	700	800
Carrier weight	ton	3.0 ~ 5.5	4 ~ 7	6 ~ 9

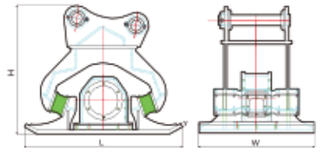
ACE Skid Steer Loader Type

ITEM / MODEL	UNIT	ACE 30SL	ACE 35SL
Operating Weight	kg	155	225
	lb	342	496
Oil Capacity	l/min	25 ~ 50	30 ~ 60
Setting pressure	bar (psi)	150 (2,176)	150 (2,176)
Operating pressure	bar	90 ~ 120	100 ~ 130
	psi	1,305 ~ 1,740	1,450 ~ 1,885
Impact rate	bpm	600 ~ 1,100	500 ~ 1,000
Impact energy	kgf.m (Joule)	32 (314)	48 (470)
Hose diameter	inch	1/2"	1/2"
Tool diameter	mm	53	60
Tool length	mm	550	600
Carrier weight	ton	2.5 ~ 4.5	3.0 ~ 5.5

ACE Compactor

Advantages

- Proper high-quality oil pressure motor to all types of models.
- All-in-one block oil flow control valve.
- Highly effective in hardening the narrow ditch.



MODEL / ITEM	Applicable excavator (ton)	Impulse Force (ton)	Hydraulic Flow (rpm)	Capacity (cc/rev)	Pressure (kg/cm²)	Measurement (L×W×T)mm	Height (H)mm	Width (W)mm
ACE C60	13~18	7	600~2,000	63	150~250	1,145×700×28	850	700
ACE C80	18~26	15	600~2,000	80	150~250	1,250×850×30	1,100	850
ACE C100	26~32	15	600~2,000	100	180~210	1,350×950×32	1,100	950

※ It can be changed for improving product' s performance.

ACE Pulverizer

Advantages

Strong crushing strength, excellent operation ability!

- Mighty power equipped with full-sized cylinder.
- Light weight and outstanding durability equipped with HARDOX600.
- Rotary concrete crusher possible to change Jow.

ITEM / MODEL	UNIT	ACE P08	ACE P10
Applicable excavator	m³	0.7~0.9	1.0~1.2
The gross weight	kg	1,800	2,400
Total length	mm	2,100	2,400
The width	mm	500	570
The maximum angular aperture	mm	800	900
Crushing ability	ton	110	127
Cutter length	mm	160	180
Applicable pressure	kg/cm²	280	320
Applicable flux	lpm	130~220	250~300

※ Above specification can change without a previous notice for improvement in quality.

ACE Wood Grabs

Advantages

The highest technology, the best product - ACE

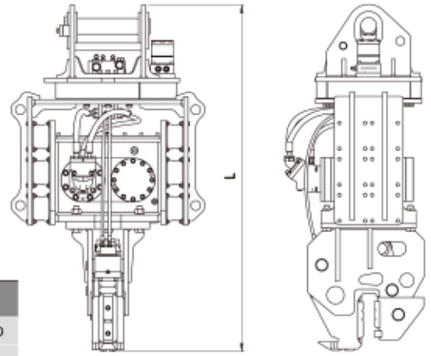
- It is possible to make 360 degrees revolution.
- It has light weight and outstanding durability equipped with hard-faced material.
- We guarantee customer's satisfaction by our excellent technical expertise of ACE.

ITEM / MODEL	UNIT	ACE WG55R	ACE WG06R	ACE WG08R	ACE WG10R
Applicable excavator	m³	3.5~6.5	12~16	21~26	27~32
The gross weight	kg	250	680	1,000	1,600
Total length	mm	1,000	1,300	1,700	2,300
The maximum angular aperture	mm	1,000	1,400	1,800	1,800
Leg depth	mm	450	600	700	800
Applicable pressure	ton	200	200	200	300
Applicable flux	mm	35~65	80~140	130~180	180~260

※ Above specification can change without a previous notice for improvement in quality.

ACE VIBRO HAMMER

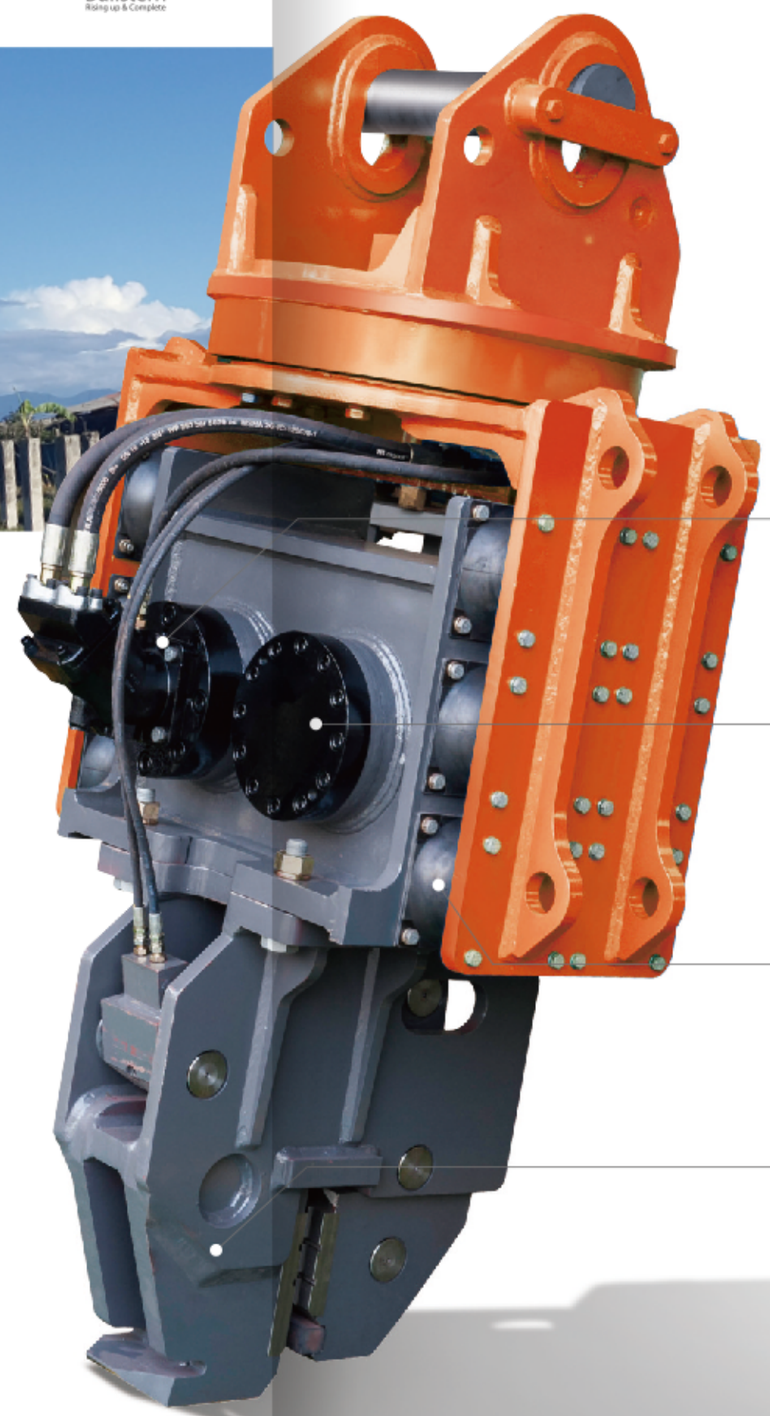
- Piling and Driving Sheet pile & H-beam etc
- Lower Cost of Maintenance than Crane Hammer
- Easy Installation the Hammer by the Using Breaker Hydraulic Lines
- 360-degree Revolution for Easy Operation



▶ **Sheet Pile Length & Drive Depth**

MODEL	W250	W300	W400
Standard	8m Up to	10m Up to	11m Up to
Option	Can be customized(1 Month Max.)		

MODEL	UNIT	ACE W250	ACE W300	ACE W400
Suitable Excavator	ton	18~26	25~35	34~45
Frequency	bpm	2,800~3,500	2,500~3,500	2,000~2,700
Eccentric Moment	nm/in lbs	66/584	80/708	100/885
Centrifugal Force	kn	600	660	720
Amplitude	mm	12	14	16
Max. Oil Pressure (Min. Setting Pressure)	bar	350 (300)	350 (300)	350 (300)
Slewing	degree	360	360	360
Max. Oil Flow	lpm	200	240	260
Clamp Width(A)	mm	65	65	65
Operating Weight	kg	1,550	1,700	1,800
Extension Boom Weight	kg	600	650	700
Dimension (L × W × H)	mm	1,870 × 1,040 × 750	1,975 × 1,100 × 790	2,055 x 1,190 x 840



❶ Control valve

Optional part.
Install the valve inside extension boom for break protection.
Simplified hose array for interference prevention

❷ Electrical parts

Simplified & Systemized electric system and control panel system for out door (Others use internal only), Waterproof connector and easy maintenance design.

❸ Motor

Piston motor with high efficiency.

❹ Bearing

2Bearings each in gear box (total 8 bearings) ; Others have 1bearing only (total 4 bearing)

❺ Vibro isolating rubber

Improve durability with special purpose rubber

❻ Hook

Hardox still plate / One body
Easy handle and move the objects.

ACE AUTO RIPPER

- Unique Antivibration Solution for Machine
- Simplified Repair and Lower Maintenance Cost
- High-powered Robust Vibration Actuating

❶ Double air cushion

Effectively minimize machine vibration. Emergency run with single cushion.

❷ Motor

Piston motor with high efficiency.

Tooth type is optional.

❸ Tool

Wear-resistant design with anti-wear alloy. Wedge and moil point for tool type.

❹ Roller guiding

Bullstern's unique antivibration solution for machine and operator. Simplified repair and lower maintenance cost.

❺ Damper

Split impact and improve durability in 3 places. Easily interchangeable.

❻ Bearing

High-powered and suitable ones for robust vibration actuating. Bullstern's unique installment.

❼ Tool body

Assembly type and lower maintenance cost.

ITEM	UNIT	ACE V250	ACE V300	ACE V400
Suitable Excavator	ton	18~26	25~35	34~45
Operating Weight	kg	2,800	3,500	4,300
Frequency	bpm	2,800~3,500	2,500~3,500	2,000~2,700
Max. Oil Pressure (Min. Setting Pressure)	bar	350 (300)	350 (300)	350 (300)
Return Pressure	bar	6	6	6
Max. Oil Flow	lpm	200	240	260
Dimension (L × W × H)	mm	2,720 × 1,370 × 880	3,000 × 1,555 × 945	3,365 × 1,682 × 1,033
Tool Diameter	mm	130	140	150

AUGER DRILL

- Improved Productivity Constant Spiral Cut
- Flexibility Interchangeable Wear Parts
- Simple, Safe & Secure Tooth Locking System

7000MAX

25000MAX

50000MAX

S6 AUGERS
(Dia. 150mm~1.5M)

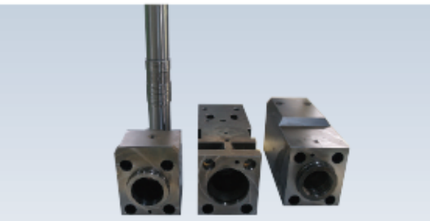
PA AUGERS
(Dia. 300mm~2.4M)

EXTENSIONS

ITEM / MODEL	UNIT	7000MAX	15000MAX	25000MAX	50000MAX
Carrier weight	ton	5~7	10~15	15~22	21~45
Range of auger (Dia.)	mm	150~900 / S5 augers	150~1,200 / S6 augers	150~1,500 / S6 augers	300~2,400 / PA augers
Torque range	Nm	2,133~6,931	5,024~15,071	16,503~24,755	23,758~47,515
Oil pressure range	bar	80~260	80~240	160~260	160~320
Oil flow range	lpm	60~135	80~170	80~170	100~280
Speed range	rpm	36~81	20~43	12~26	11~30
Unit heignt	mm	780	930	1130	1415
Unit diameter	mm	269	290	345	410
Unit weight	kg	112	173	269	472

HYDRAULIC BREAKER PARTS

- Cylinder Assembly
- Basic Accessories
- Qualified Parts



Main Assembly

Consumable Spare Parts

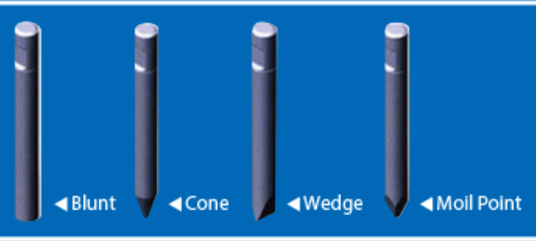
Basic Accessories

Outward Parts

ACE Heavy Machinery will provide dealers with stocks of spare parts to deal with any urgent parts requirement from customer.

- "Strong, Durable, Accurate" parts developed & produced by our own technology in R&D Center.
- Longer lifetime due to superior quality alloy steel.
- On Time parts delivery system satisfy dealers and customer.

Type of Tools



EXCAVATOR PARTS

- High Quality & Excellent Durability!
- Suitable Economic & Reliable Replacements!
- On time parts Delivery System Satisfy!

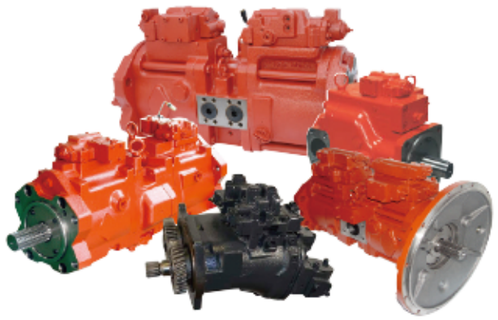
UNDERCARRIAGE PARTS & GROUND ENGAGING TOOLS

Big savings on high quality after-market undercarriage parts!

Undercarriage parts ;
Products are Track groups, Track chains, Lubricated & Greased, Grouser shoes, Top & Bottom rollers, Idlers, Sprockets, Rims & Segments, Roller shells, Pin & Bushing groups, Grouser bars and Hardware.

Ground Engaging Tools ;
We carry a complete line of GET, including Bucket teeth & Adapters, Grader blades, Ripper tips & Shanks, Cutting edges, Side cutters, Hardware, Buckets, Thumbs & Rakes and Attachments.

HYDRAULIC PUMP ASSEMBLY



Durable and provide a long service life!

We supply New, Used and Rebuilt hydraulic pumps for excavators of all makes and models!

Hydraulic pumps offer a unique mixture of technology and innovative design which translates directly into reliable and enhanced performance.

All the products are controlled as specification and capability is analyzed and improved.

We offer high precision and wide product range in huge inventory providing.

KAWASAKI MODEL K5V80 / 140 / 160 / 200 DTP series
KAWASAKI MODEL K3V63 / 112 / 140 / 180 / 280 DTP series
A10VO28 / AP2D25 series

HYDRAULIC PUMP INNER PARTS

Extensive inventory and multiple options!

We offer an extensive range of replacement parts for hydraulic pumps.

Replacement parts are put through rigorous inspections to ensure they meet specification and provide a long service life.

Our large inventory allows for immediate availability and quick delivery.

We regularly stock parts like Ball guides, Bearings, Block springs & Disc springs, Cylinder blocks & Valve plates, Housings & Castings, Pilot pumps, Piston sets, Seal kits, Set plates, Shoe plates, Shafts, Swash plate assemblies, Bolts & Screws and so on.

※ All brand names in this catalog are reference purpose only.

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