



Quality & Reliable
Products Source

- | Hydraulic Breaker | Vibro Demolition Ripper |
- | Crushing Bucket | Core Drill | Drum Cutter |
- | Hydraulic Rock Splitter | Quick Coupler |

Leading Trend of Breaking Technology

Hydraulic Breaker



Key to Break Through Demolition Business

Nowadays the hydraulic hammer technology reaches to its highest peak, and we realize the core of highest technology into AKB series hydraulic breakers. But it does not mean all of them are capable of applying such technology and still some of real specialists can see the core of technology.

AKB hammers are born with high-level of artisan and all the processes of manufacturing are highly controlled. The materials are selected by highest standard and our craftsman secures quality products to be delivered.

AKB hammers will be the tools to break through the severe competition and we prepare for your power of sales with AKB breakers.



Challenge to New Way of Breaker

Quick Reaction to Improvement

AKB hydraulic breaker series have three different structure and we apply the latest technology for breaking systems. Simple but powerful. The challenge to innovation will continue

Reliability & Stable Performance

It Pays Back Quick

AKB Small & Compact

Right Demolition Works

The small & medium range of **AKB** breakers is designed for mini - compact excavators, backhoe and skid steer loaders and are suitable light demolition work.

The various design of housings are made for backhoe and skid steer loader, mini excavator and articulated bucket.

The special design of three-position pin system for backhoe meets different situation of breaking.

The high level of engineering can meet various specification of small carriers, and **AKB** small & compact classes will be applicable to all of mini and backhoe loaders.



The main points is built-in control valve, and it secures stable oil flow for constant breaking power.



Tech Specifications

Small & Compact Range

AKB 15 & 40 are recommended for mini excavators and **AKB 55, 70, 100** for back-hoe and skid loaders.

AKB 130 is normally mounted on wheel excavator or small crawler excavator.

For back hoe & skid steer loader, **ALL-KOR** provides specially designed brackets and this range of breakers require unique mounting bracket, which **ALL-KOR** is ready for.

Description		Unit	AK B 10	AK B 15	AK B 40	AK B 50	AK B 55	AK B 70	AK B 80	AK B 90	AK B 100	AK B 130
Operating Weight	V	kg	88	123	162	225	281	468	525	592	747	975
(Tool+M/C)	S	kg	98	137	216	250	385	512	560	607	830	1,019
Main Body Weight		kg	40	52	86	112	141	209	225	259	353	433
Tool	Weight	kg	3	5.5	8	12	18	23	27	31	42	50
	Diameter	mm	40	45	53	60	68	75	80	85	90	100
Operating Pressure(Breaker)		bar	80~100	80~100	90~120	100~130	100~130	100~130	100~130	130~150	130~150	150~170
Setting Pressure(Machine)		bar	130	130	150	160	160	160	160	180	180	200
Impact Rate		bpm	700~1,200	600~1,100	550~1,000	500~1,000	500~950	450~900	420~850	400~750	400~730	400~700
Back Head Pressure(N2-Gas)		bar	16	16	16	16	16	16	16	16	16	16
Required Oil Flow		lpm	15~25	20~30	20~30	30~60	35~70	40~90	40~90	45~95	60~100	80~110
Suitable Excavator	min	ton	0.8	1.5	2.5	3.5	5.5	6.5	7.0	7.5	9	12
	max	ton	1.5	2.5	3.5	5.5	6.5	7.5	8.0	9	12	16

AKB Small & Compact

Main Parts

Through Bolt & Nut

High Tension Structure & Tight Taking Main Parts

Built-in Control Valve

Smooth Oil Flow & Constant Breaking Energy

Cylinder Adjuster

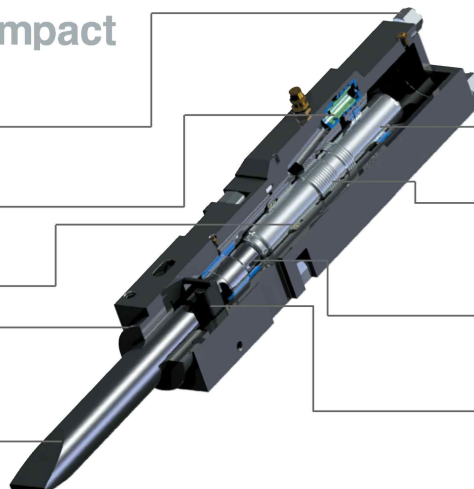
Controls stroke and adjust frequency by breaking material

Tool Bushing

High Anti-Resistance Material & Heat-treatment

Working Tool

Best Quality Material & Heat-Treatment



Back-Head Gas Chamber

Stable Breaking & Impact Energy Secured Nitrogen Gas Charged

Piston & Cylinder

High Level of Processing & Edge Reprocessing. Craftsmanship Alive. Stable Movement & Max. Impact Power System Applied

Precise Hit Contact

Piston Kinetic Energy Delivers to Tool with Min. Loss. Less Fatigue to Hit Points

Tool Pin

Oval-shaped Tool Pin Sustaining Tool Movement & Max. Energy Delivery to Tool

AKB Medium & Large

Wheel & Crawler Excavator

This range of **AKB** breakers is designed for wheel loader, medium - large class crawler excavator up to 70 tons and are suitable heavy demolition work.

Tech Specifications

Medium & Large

The high durability and reliable quality are planted in **AKB** medium and large class of breaker and it will secure the high performance and less break-down.

The edge of housing is reinforced with high anti-wearing steel and auto greasing system is available for this range of **AKB**.

Description		Unit	AK B 160	AK B 220	AK B 320	AK B 400
Operating Weight	V	kg	1,410	1,840	2,409	2,950
	S	kg	1,342	1,762	2,254	2,800
Main Body Weight		kg	483	690	889	1,228
Tool	Weight	kg	88	115	155	195
	Diameter	mm	120	135	150	155
Operating Pressure(Breaker)		bar	150~170	160~180	160~180	160~180
Setting Pressure(Machine)		bar	200	210	220	220
Impact Rate		bpm	450~700	450~600	400~550	300~400
Accumulator Head Pressure(N ₂ -Gas)		bar	60			
Back Head Pressure(N ₂ -Gas)		bar	6	6	6	13
Required Oil Flow		lpm	90~120	125~150	160~190	190~250
Suitable Excavator	min	ton	15	19	25	36
	max	ton	19	25	36	42



The main points is valve and cylinder adjusters to change frequency according to demolition work conditions.

AKB Medium & Large

Main Parts

Through Bolt & Nut

High Tension Structure & Tight Taking Main Parts

Control Valve

High Precision Parts Processing
Smooth Oil Flow

Accumulator

Minimizes Fluctuation of Pressure
Ensures Stable Energy

Valve Adjuster

Controls amount of oil flow

Tool Bushing

High Anti-Resistance Material
& Heat-treatment



Back-Head Gas Chamber

Stable Breaking & Impact Energy
Secured Nitrogen Gas Charged

Piston & Cylinder

High Level of Processing & Edge
Reprocessing Craftsmanship Alive.
Stable Movement & Max. Impact Power
System Applied

Cylinder Adjuster

Controls stroke and adjust
frequency by breaking material

Precise Hit Contact

Piston Kinetic Energy
Delivers to Tool with Min. Loss.
Less Fatigue to Hit Points

Tool Pin

Oval-shaped Tool Pin
Sustaining Tool Movement & Max.
Energy Delivery to Tool

Working Tool

Best Quality Material & Heat-Treatment

Breaker Tool

Right Tool Selection

The right selection of working tool is start of demolition and decide on breaking performance.
The tool should be selected by breaking material and job condition as well.



Blunt

Shock wave full over material & creating crack
Concrete Breaking, Stone Block, Debris,
Scaling Working for Mine & Tunnel



Chisel

Penetration high & cracking
Hard Material, Trenching



Moil Point

Shock wave concentrated and
penetration high Reinforced Concrete,
Hard Material, General Breaking



Flat Slide



Pyramid



Tech Specifications

AKB New Trend - Medium & Large

The built-in valve system of **AKB** is applied to **AKB** medium and large class.

The concept of simple structure and easy maintenance is realized in **AKB** medium & large class by taking the control valve into the main body of breaker.



Description		Unit	AK B 180	AK B 250	AK B 280	AK B 350	AK B 500	AK B 600	AK B 700	AK B 800	AK B 1000
Operating Weight	V	kg	1,525	1,945	2,250	2,750	3,223	3,830	4,539	4,859	5,520
(Tool+M/C)	S	kg	1,481	1,911	2,170	2,650	3,038	3,634	4,341	4,650	5,215
Main Body Weight		kg	543	795	895	1,057	1,152	1,314	1,700	1,980	2,850
Tool	Weight	kg	90	135	152	163	223	251	302	376	440
	Diameter	mm	125	140	145	150	155	165	175	190	210
Operating Pressure(Breaker)		bar	150~170	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
Setting Pressure(Machine)		bar	200	210	220	220	220	220	220	220	220
Impact Rate		bpm	385~550	362~435	334~397	272~360	260~342	241~314	210~290	195~276	195~260
Accumulator Head Pressure(N2-Gas)		bar	60								
Back Head Pressure(N2-Gas)		bar	16	16	16	16	16	16	16	16	16
Required Oil Flow		lpm	90~120	125~150	160~190	160~190	190~50	200~260	210~290	240~340	300~400
Suitable Excavator	min	ton	16	18	26	33	38	42	47	57	68
	max	ton	18	26	33	38	42	47	57	68	90

AKB New Range

Main Parts

Through Bolt & Nut

High Tension Structure & Tight Taking Main Parts

Built-in Control Valve

Smooth Oil Flow & Constant Breaking Energy

Accumulator

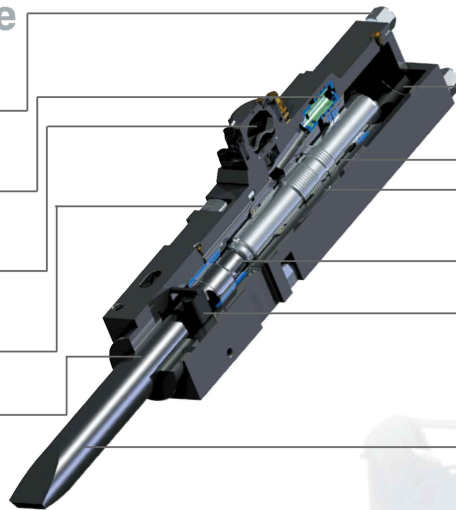
Minimizes Fluctuation of Pressure Ensures Stable Energy

Valve Adjuster

Controls amount of oil flow

Tool Bushing

High Anti-Resistance Material & Heat-treatment



Back-Head Gas Chamber

Stable Breaking & Impact Energy Secured Nitrogen Gas Charged

Piston & Cylinder

High Level of Processing & Edge Reprocessing Craftsmanship Alive. Stable Movement & Max. Impact Power System Applied

Cylinder Adjuster

Controls stroke and adjust frequency by breaking material

Precise Hit Contact

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Tool Pin

Oval-shaped Tool Pin Sustaining Tool Movement & Max. Energy Delivery to Tool

Working Tool

Best Quality Material & Heat-Treatment

Auto Grease Pump

Easy Greasing

AKB auto grease kit is very simple and installation does not require high skill.

For grease supplement, manual sucking and cartridge are available.

The existing greasing system requires skill to install and the cost is too high as well.

The amount of greasing is to be adjusted and disassemble is done by one push button.

Model		CA -62	CA -53
Exterior Dimension		98 mm×299mm	90 mm×305mm
Weight		1.4kg	1.0kg
Application Cartridge	Manufacturer	Fuchs Lubritech (www.fuchs-lubritech.de)	Total (www.total.com) Gptec (www.gptec.cn) or whatever
	Cartridge Size	Diameter : 62mm Length : 245 mm (Screw : M20 X p2.5)	Diameter : 53mm Length : 200mm~240 mm (Screw : M24 X p2.0)



Cartridge System



Manual Sucking



Multi Function

Vibro Demolition Ripper AKM SERIES



High Productivity

New Era of Demolition

ALL-KOR vibratory demolition ripper - AKM series will bring new era of demolition business and make a big step. The demolition ripper improves demolition productivity and decrease the noise to be caused by conventional demolition.

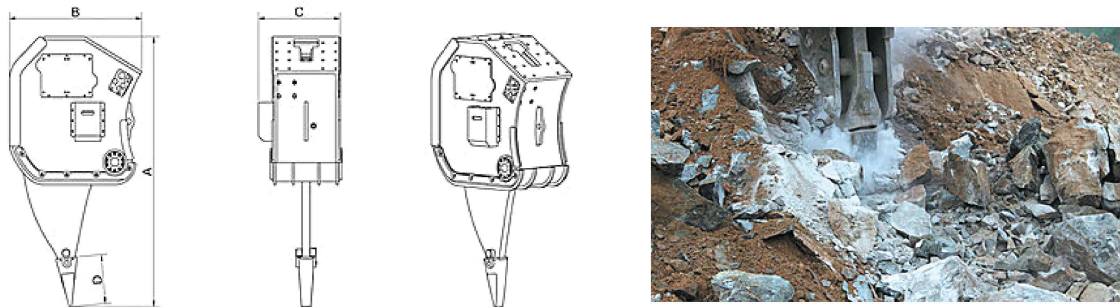
AKM is innovated to replace conventional demolition method, especially screaming-noised rock breakers and will be applied for any type of material as long as rock breaker can.

But much more demolition will be made and it will be done at very low noise level - less than 70dB in average.



Wide cover-up

flexible acceptance



AKM Ripper series can cover wide range of excavators from 12~65 ton and flexible setting pressure as well.

The conventional breakers require exact set-up for pressure and oil flow and accept a limited range of operation weight of excavator by the model of excavators.

Due to its wide and flexible acceptance of such parameter from excavators, the procedures of installation is easy and convenient.

Tech Specifications

EASY SET-UP

Tech. Spec

Model		Unit	BR15	BR25 H	BR25	BR25 H	BR35	BR45	BR55	BR65
Frequency		vpm	1,700	2,500	1,700	2,500	1,700	1,700	1,700	1,700
		hz	28.3	41.6	28.3	41.6	28.3	28.3	28.3	28.3
Setting Hydraulic Pressure		bar	250	250	250	250	250	250	250	250
		psi	3,556	3,556	3,556	3,698	3,556	3,556	3,556	3,556
Oil Flow		lpm	100~120	150~170	120~140	180~200	180~200	260~280	290~310	320~350
		gpm	26.4~31.7	39.6~45	31.7~37	47.5~52.8	47.5~52.8	68.7~74	76.6~81.8	84.5~92.5
Dimention	Height(A)	inch	70	91	97	96	104	114	119	134
		mm	1,778	2,311	2,464	2,438	2,642	2,896	3,023	3,404
	Length(B)	inch	41	43	48	45	52	57	59	64
		mm	1,041	1,092	1,219	1,143	1,321	1,448	1,499	1,626
	Width(C)	inch	30	32	32	32	34	36	37	41
		mm	762	813	813	813	864	914	940	1,041
	Tooth(D)	inch	10	19	19	19	19	19	23	23
		mm	254	483	483	483	483	483	584	584
Body Weight		lbs	2,866	4,189	4,938	5,423	6,526	8,289	9,612	12,254
		kg	1,303	1,904	2,245	2,465	2,966	3,768	4,369	5,570
Excavator Weight		ton	12~17	18~27	21~27	28~35	28~35	36~42	43~55	55~65

Crushing Bucket

Rock & Concrete Crushing

Crushin Bucket

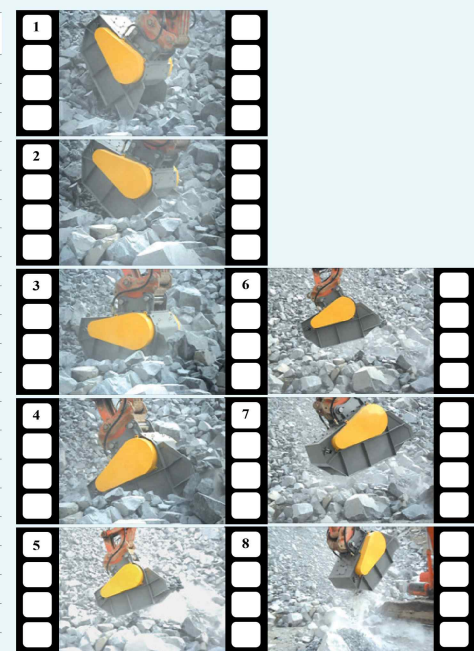


Demolition & Recycling

AKBC 3000 is engineered to crush concrete (reinforced) and rocks and have a robust structure to endure severe working conditions. Full body is made with Hardox and high anti-wearing steel and structure is designed to maximize crushing efficiency at best. Input gate is designed to accept crushing material in max. and output exit is made to produce final crushed debris to a set size by adjuster.

Tech. Spec

Description		Unit	AK BC 160	AK BC 220	AK BC 300	AK BC 450
Excavator	ton		13~18	18~28	26~34	35~45
	lbs		19,842~35,274	27,479~46,297	48,502~63,934	66,139~99,208
Op. Weight	ton		1,700	2,600	3,650	4,905
	lbs		3,740	5,720	8,030	10,791
Loading Capacity	cbm		0.5	0.6	0.8	1.0
Setting Pressure	bar		250	250	270	300
	psi		3,553	3,553	3,837	4,264
Op. Pressure	bar		250	250	250	250
	psi		3,553	3,553	3,553	3,553
Oil Flow	lpm		150	150	180	220
	gpm		39.68	39.68	47.62	58.20
Input Gate	mm		600X450	700X500	1,050X550	1,250X550
	inch		24X18	28X20	41X22	49X22
Material Size	mm		10~100	10~120	20~150	20~180
	inch		0.39~3.94	0.39~4.72	0.79~5.91	0.79~7.09
Demension	Height	mm	1,070	1,170	1,280	1,400
		inch	42	46	50	55
	Width	mm	945	1,030	1,370	1,650
		inch	37	41	54	65
	Length	mm	1,800	2,275	2,419	2,550
		inch	72	90	95	100



AKCD CORE DRILL

Single Screw Core Firth Ever

AKCD Core Drill



CORE DRILL – ATTACHMENT

Single Screw Driving

The single screw system is adopted for movement of core drill tube and bit and secures speedy drilling in stability and silence as well.

Silence Drilling Comes True

The single core drill is developed for silent drilling in the town and designed to be mounted on excavator

as like hydraulic breaker by sharing the pipe line of attachment

AKDC series core drill is required for the below jobsites.

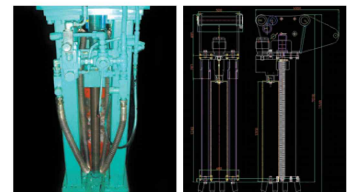
- Populous areas and environmental claims high
- Concrete Structure

Flexible & Speedy

The conditions of drilling materials, jobsite and others will need a different speed of drilling

and so the speed of core drill should be adjustable. The flexible system of AKCD will allow to drill by its situation and they can move by different speed.

AKDC is on a line of demolition with the current ALL-KOR products, rock splitter and hydraulic breaker. These three machine will work together for environmental demolitions and assist each other.



TECH SPECIFICATIONS

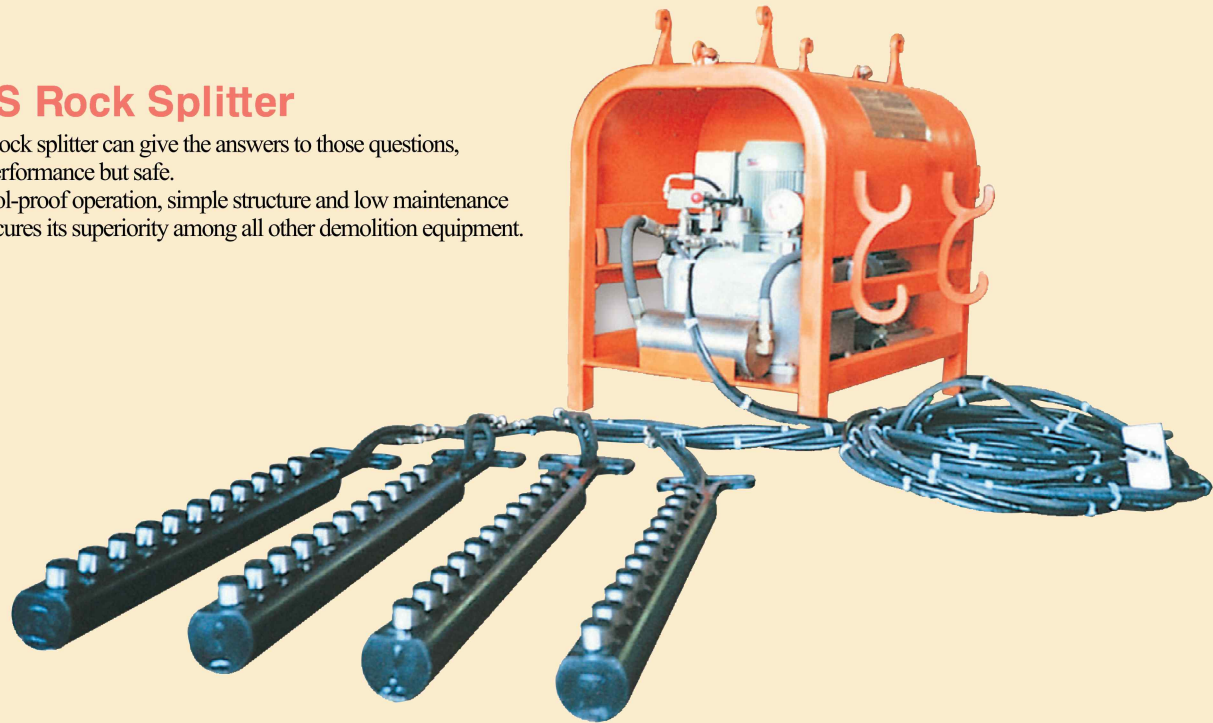
SINGLE SCREW CORE

Description	Unit	Specification
Operating Weight	kg	800~1200
Overall Height	mm	2100
Overall Weight	mm	520
Max. Drilling Depth	mm	1200
Drilling Dia	mm	ø 80~ ø 207
Shaft Height	mm	1415
Oil Flow	litre	120~250
Oil Pressure	kg/cm	150~250
Excavator	ton	6~30
Descending Speed	mm/mm	600
Rotation	rpm	200~2200

High Performance & Wide Applications

CRS Rock Splitter

CRS rock splitter can give the answers to those questions, high performance but safe. The fool-proof operation, simple structure and low maintenance cost secures its superiority among all other demolition equipment.



Low Maintenance & Long Life

CRS is applicable to most of rock and concrete demolition and its principle of operation ensure low maintenance and long life.

Building Foundation
City Rock Demolition
Concrete Demolition
Quarry

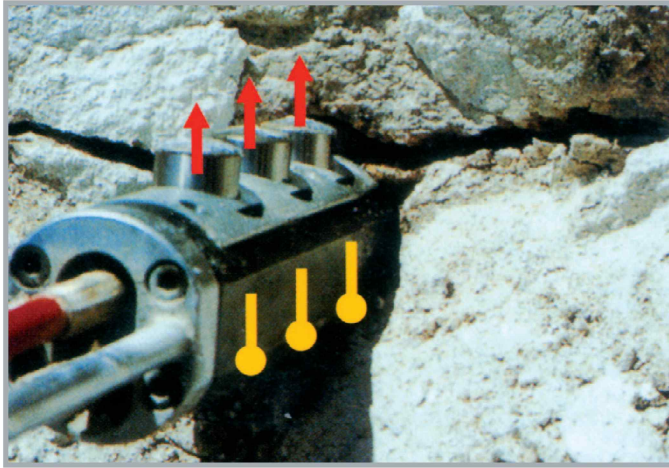
Tunneling
Underwater Rock Demolition
Core Drill Demolition



Innovation & New Trend

CRS solves the problems of conventional demolition methods and improves the productivity as well.

CRS will replace old ways of demolitions or make them safe, healthy and economic.



Simple Structure & High Efficiency

CRS rock splitter pushes up the rock to one direction where a free face locates.

The opposite side plays a sustaining wall when the splitting pistons soar up to break the materials.

So the most of the power can be used to split the material. All the splitting pistons soar up in a action and the constant power acts to the materials.

So finally the splitter can break the material stably and in one soar-up.



Vibration & Noise Free

Simple Operation

Economic & Productive

Maneuverability & Wide Application

The blasting can produce huge quantity of demolition in a short time but incurs the safety problem.

The demolition by hydraulic breaker can be free from the safety matters of blasting but should sacrifice the production volume while causing environmental problems, - noise, dust and vibration.

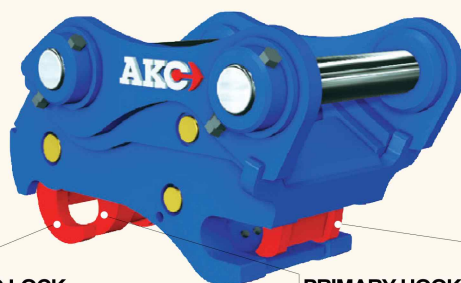
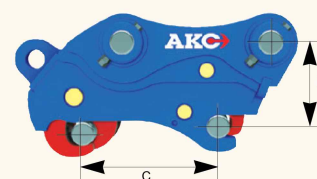
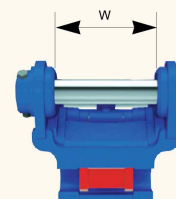


Tech Specifications

Specs Model	Cylinder					Splitting Power(ton)	Drilling Diameter (mm)	No. of Std. Cylinder
	Weight (kg)	Length (mm)	Diameter (φ)	No of Piston	Piston Stroke(mm)			
CRS 75	20	800	75	13	24	1700	85	4
CRS 80	25	770	80	12	26	1500	89	4
CRS 85	25	770	85	11	27	1500	89-95	4
CRS 95	33	800	95	9	27	1600	102-105	3
CRS 150	36	280	140	2	50	474	150	2
CRS 200	40	200	198	1	70	600	203	1

Multi Safety Locks

Hydraulic & Automatic Pin Locking



THIRD LOCK

Synchronized with secondary lock through sync link. The lock provides firm and safe grip of your attachments.

PRIMARY HOOK

Actuated by hydraulic cylinder. Independent to secondary and third lock. The blocks stay on even in the event of hydraulic failure.

SECONDARY LOCK

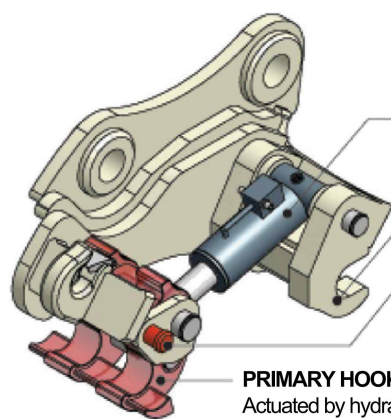
Spring applied secondary lock is independent of primary hook once engaged. Highly visible to operator.

Tech. Spec

Model No.	Carrier	Pin Center (C)		Pin Height (H)		Pin Width (W)		Pin Dia.	Weight	
	mt	mm	inch	mm	inch	mm	inch	mm	kg	lb
AK Q 60MS	4.5~6.0	245	9.6	175	6.9	155	6.1	45	62	136
		310	12.2	183	7.2	172	6.8	-	77	169
AK Q 80MS	6~8	245	9.6	175	6.9	160	6.3	45	72	158
		390	15.4	183	7.2	200	7.9	60	98	216
AK Q 150MS	8~15	374	14.7	230	9.1	247	9.7	60	180	396
		450	17.7	245	9.6	275	10.8	65	235	517
AK Q 180MS	15~18	430	16.9	285	11.2	300	11.8	70	267	587
		500	19.7	295	11.6	325	12.8	80	324	713
AK Q 250MS	18~25	430	16.9	285	11.2	305	12	75	330	726
		535	21.1	295	11.6	340	13.4	90	365	803
AK Q 360MS	25~36	480	18.9	320	12.6	325	12.8	80	480	1,056
		563	22.2	335	13.2	410	16.1	90	559	1,230
AK Q 450MS	30~45	525	20.7	375	14.8	370	14.6	100	650	1,430
		622	24.5	390	15.4	481	18.9	110	737	1,621
AK Q 550MS	45~55	560	22	380	15	410	16.1	100	765	1,683
		685	27	395	15.6	510	20.1	120	897	1,973

Single Lock

Quick Mounting Attachment Safely



PRIMARY HOOK

Actuated by hydraulic cylinder to firmly grip the pin.

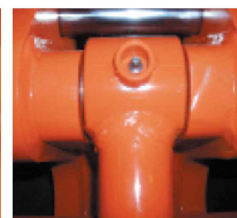
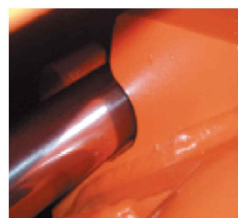
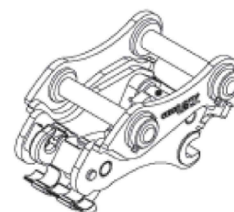
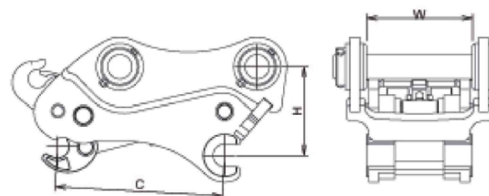
HYDRAULIC CYLINDER

Equipped with integrated lock valve. Even in the event of hose failure, the hooks stay on.

FIXED LUG

SAFETY PIN

Manually installed after primary hook is engaged.



Tech. Spec

Model No.	Carrier	Pin Center (C)		Pin Height (H)		Pin Width (W)		Pin Dia.	Weight	
	mt	mm	inch	mm	inch	mm	inch	mm	kg	lb
AK Q 15	0.6~1.5	80	3.1	145	5.7	80	3.1	22	23	51
		113	4.4	160	6.3	108	4.3	26	30	66
AK Q 20	1.5~2.0	80	3.1	145	5.7	95	3.7	30	26	57
		155	6.1	165	6.5	119	4.7	-	34	75
AK Q 45	2.0~4.5	135	5.3	150	5.9	122	4.8	35	32	70
		220	8.7	170	6.7	180	7.1	40	49	108
AK Q 60	4.5~6.0	220	8.7	175	6.9	150	5.9	45	60	132
		310	12.2	183	7.2	172	6.8	-	75	165
AK Q 80	6~8	240	9.4	175	6.9	160	6.3	45	70	154
		390	15.4	183	7.2	200	7.9	60	91	200
AK Q 150	8~15	360	14.2	220	8.7	218	8.6	60	175	385
		450	17.7	240	9.4	275	10.8	65	210	462
AK Q 180	15~18	380	15	275	10.8	280	11	70	250	550
		495	19.5	290	11.4	310	12.2	80	305	671
AK Q 250	18~25	380	15	285	11.2	305	12	75	270	594
		535	21.1	290	11.4	334	13.1	90	350	770
AK Q 360	25~36	485	19.1	330	13	325	12.8	80	470	1,034
		563	22.2	335	13.2	410	16.1	90	549	1,208
AK Q 450	30~45	525	20.7	385	15.2	370	14.6	100	640	1,408
		622	24.5	395	15.6	481	18.9	110	720	1,584
AK Q 550	45~55	560	22	390	15.4	410	16.1	100	750	1,650
		655	25.8	395	15.6	510	20.1	120	880	1,963
AK Q 600	55~	640	25.2	400	15.7	530	20.9	100	1,120	2,464
		900	35.4	410	16.1	680	26.8	130	1,255	2,761