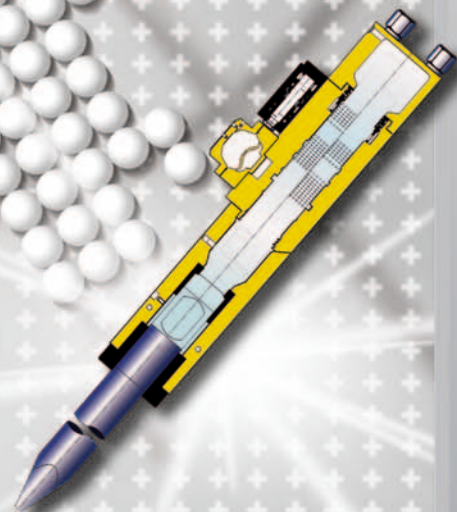




Quality & Reliable Products Source



ALL-KOR CO.
www.all-kor.com



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	AKB 180	AKB 250	AKB 350	AKB 500	AKB 600
Operating Weight	V	kg	1340	1750	2500	3300	3800
			2950	3900	5510	7260	8360
	S	lbs	1300	1810	2400	3250	3990
			2865	3960	5290	7150	8778
Operating Pressure		bar	150~170	160~180	160~180	160~180	160~180
Setting Pressure		bar	210	210	230	230	240
Required oil flow		lpm	90~120	125~150	160~190	200~260	210~280
Tool Shank Diameter		mm	125	140	150	157	170
		inch	4.9	5.5	5.9	6.2	6.7
Back-Head Pressure		bar	13	13	13	13	13
Accumulator Pressure		bar	60	60	60	60	60
Carrier Weight		ton	16~22	22~32	28~40	45~52	50~70
		lbs	35280~48500	39680~70400	61420~88180	99000~114640	99000~132000
Impact Rate		bpm	350~600	450~600	300~500	250~350	200~300

Working Application

Hard Rock Primary Demolition
Reinforced Concrete
Metallurgical Slag
Quarry & Mining



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

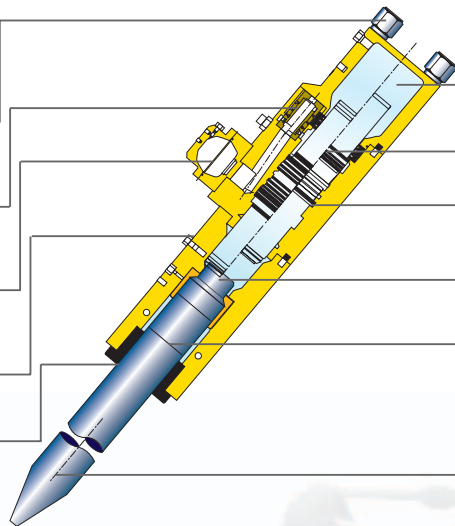
Minimizes Fluctuation of Pressure
Ensures Stable Energy

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 Re-processing 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

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.

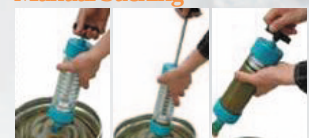
The amount of greasing is to be adjusted and disassemble is done by one push button.

Model		CA-62	CA-53
Exterior Dimension		98mm×299mm	90mm×305mm
Weight		1.4kg	1.0kg
Application Cartridge	Manufacturer	Fuchs Lulritech (www.fuchs-lulritech.de)	Total (www.total.com) Götec (www.götec.cn) or whatever
	Cartridge Size	Diameter : 62mm Length : 245mm (Screw : M20 X 2.5)	Diameter : 53mm Length : 200mm~240mm (Screw : M24 X 2.0)

Cartridge System



Manual Sucking



Leading Trend of Breaking Technology



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 for 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	AKB 15	AKB 40	AKB 55	AKB 70	AKB 100	AKB 130
Operating Weight	V	kg	115	150	275	295	500	795
			250	330	605	650	1100	1755
	S	lbs	125	160	320	375	580	870
			265	355	705	830	1280	1920
Operating Pressure		bar	80~100	90~120	95~130	100~130	130~150	150~170
Setting Pressure		bar	140	150	170	170	195	190
Required oil flow		lpm	15~25	25~40	30~60	40~90	45~80	80~110
Tool Shank Diameter		mm	45	53	68	75	90	100
		inch	1.77	2.1	2.7	2.9	3.5	3.9
Back-Head Pressure		bar	12	16	16	17.5	16	16
Carrier Weight		ton	0.8~2.5	2.0~3.5	4.0~6.0	4.5~7.0	7.5~10.0	10.0~16.0
		lbs	1760~5500	4410~7715	8820~13230	9920~15430	15430~22045	22045~35270

Working Application

Asphalt Cutting & Removal
Frozen Soil
Light Concrete
Soft Rock
Secondary Hard Rock
Segmentation



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

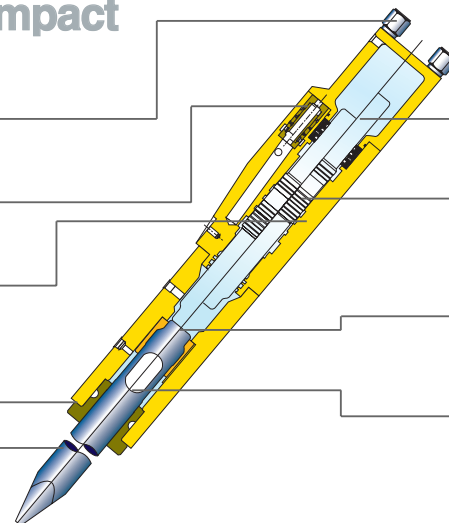
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Tool Bushing

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**.



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

Description		Unit	AKB 160	AKB 220	AKB 320	AKB 400
Operating Weight	V	kg	1300	1710	2250	2950
			2865	3770	4960	6065
	S	lbs	1230	1625	2150	2850
			2670	3580	4740	5840
Operating Pressure		bar	150~170	160~180	160~180	160~180
Setting Pressure		bar	210	210	230	240
Required oil flow		lpm	90~120	125~150	160~190	190~250
Tool Shank Diameter		mm	120	135	150	155
		inch	4.7	5.3	5.9	6.1
Back-Head Pressure		bar	6	6	6	13
Accumulator Pressure		bar	60	60	60	60
Carrier Weight		ton	13~20	18~30	27~40	33~50
		lbs	28660~44100	39680~66135	59520~88180	72750~110225

Working Application

Hard Rock Primary Demolition
Reinforced Concrete
Metallurgical Slag
Quarry & Mining



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

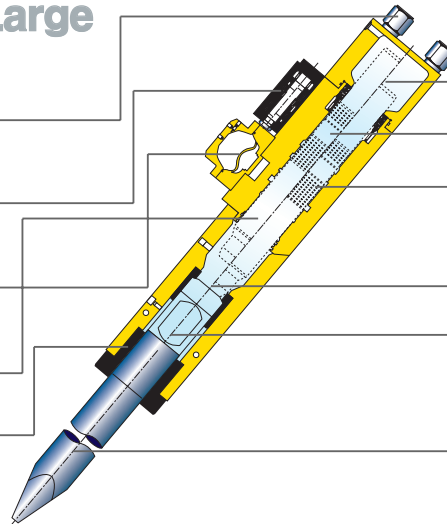
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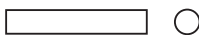
Breaker Tool

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



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



Chisel Penetration high & cracking
Hard Material, Trenching



Flat Slide



Pyramid

AKC →



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