

Asia Pacific Chinese market

凯撒重工®
KEISHARP

KEISHARP HYDRAULIC BREAKER PRODUCT MANUAL



GERMAN TECHNICAL
HYDRAULIC BREAKER
Keisharp hydraulic breaker



KEISHARP®

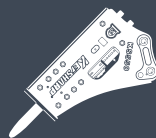
KEISHARP

Factory area
17000 (m²)

100 employees

62sets of equipment

Production capacity
1500 units



KEISHARP MODERN INTELLIGENT MANUFACTURING FACTORY

KEISHARP Heavy Industry is a wholly-owned subsidiary of HIYUPKI (China) Co., Ltd., with a registered capital of 50 million yuan and a total planned investment of 150 million yuan.

As a technical innovator and participant in the ecological circle of hydraulic breaking hammer manufacturing, KEISHARP Heavy Industry is not only a manufacturer with the capability of research and development, but also an important service provider. It is committed to providing extensive technical support of product application and brand service for the global engineering machinery industry, especially in the fields of metallurgy, mining, transportation, fire protection and civil engineering in the Chinese mainland, and constantly promoting the green, healthy and interconnected development of the breaking hammer industry.

KEISHARP Heavy Industry has developed and manufactured all kinds of hydraulic breaking hammers. In the meantime, through increasing R&D investment, it continuously updates and applies cutting-edge technologies around the world so as to further improve the durability and striking capability of its hammers.



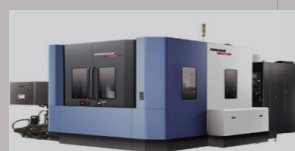
HARDWARE EQUIPMENT AND TECHNOLOGIES



Japan complete set of original imported large vertical grinding machine NVG-12LH



True simulation of the impact test equipment, industry-leading maximum test 260mm models



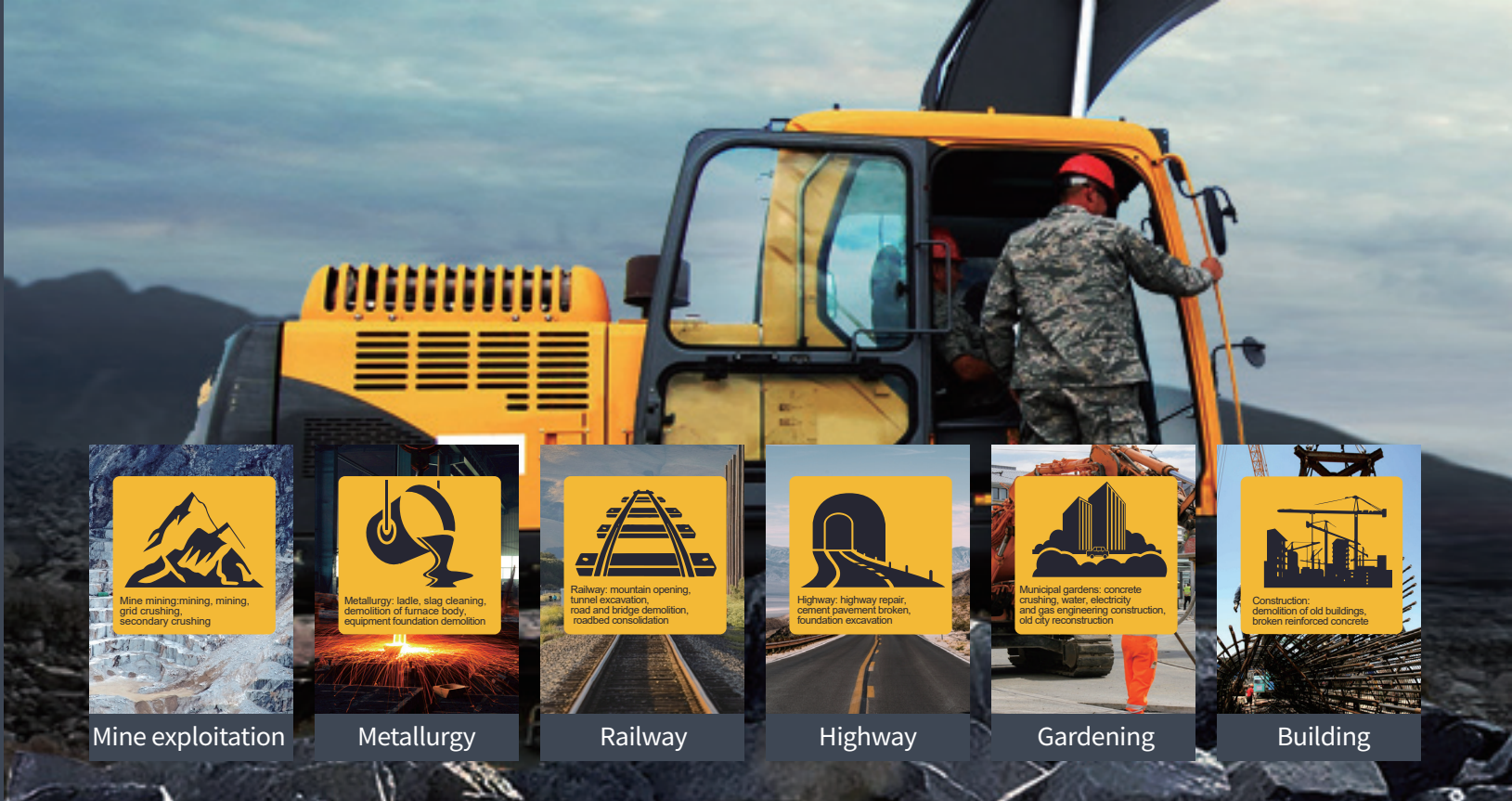
The core processing equipment complete set of original imported HM1000, HM805, PUMA800, PUMA700



In association with KEISHARP Heavy Industry, invests 35 million yuan to set up an independent thermal treatment workshop



打开凯撤服务小程序
可查询设备信息及获取服务支持等



Mine exploitation



Metallurgy



Railway



Highway



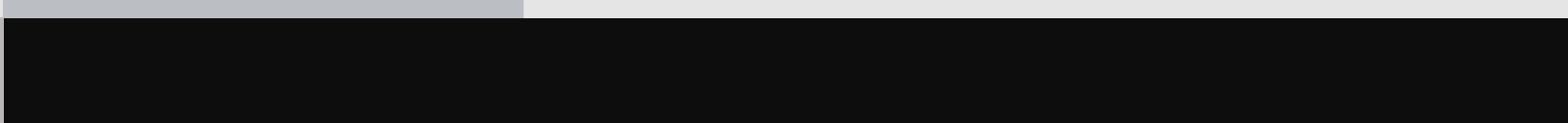
Gardening



Building

EQUIPMENT INFORMATION

	Model	KS60	KS80	KS100	KS120	KS150	KS220	KS320	KS350
		Unit							
Total weight	kg	170	250	360	597	709	1900	2750	3320
Working flow	L/min	20~50	40~70	50~90	60~100	80~110	130~180	180~250	210~270
Work stress	bar	80-130	110~140	140~150	150~160	160~170	160~180	190~220	200~220
Impact frequency	bpm	600~1100	500~900	400~800	400~800	350~700	400~550	250~350	150~300
Brazing rod diameter	mm	53	68	75	85	100	140	155	165
Matching host	t	2.5~4.5	4~7	6~9	7~14	10~16	20~27	27~35	35~40



UPSTREAM INDUSTRIAL CHAIN
AND TOP-CLASS SUPPLIERS
AND PARTNERS





征途, 正在征服!
On the Way, On the Conquest.

The new hydraulic breaking hammer of KEISHARP is suitable for all types of excavators. At the beginning of the design, we have fully considered the construction needs of customers in the industries of mining, engineering construction, highway, tunnel excavation, metallurgy, etc. For this reason, our breaking hammer contains more leading technologies than other brands.

	KS400	KS450	KS500	KS550	KS600	KS650	KS700	KS750	KS850	KS1000
	4300	5250	5350	5500	6300	7900	8130	8900	10200	12100
	220~280	245~290	255~300	290~340	310~360	340~440	350~450	370~410	400~530	450~580
	200~230	270~290	270~290	280~300	280~300	290~310	290~310	290~310	290~310	290~310
	150~200	100~150	100~150	100~150	100~150	90~130	90~130	80~110	70~120	70~120
	175	190	195	200	205	210	215	220	230	255
	40~50	45~55	50~60	50~65	55~65	65~100	65~100	70~100	80~120	90~160

The world's leading heavy industry supporting technology innovator,
product manufacturer and service provider.

—KEISHARP

TECHNICAL CHARACTERISTICS



CYLINDER PISTON



Chisel

Firm & Durable



REVERSING VALVE

Integrated design
Maintenance is more convenient



High pressure accumulator

Provide constant performance, and enhance the striking force.



Through bolt:

Enhanced design, good comprehensive mechanical properties, longer service life of bolts and other components (e.g. cylinder, piston)

Main valve:

Modularization design, sensitive responsiveness

High pressure accumulator:

- 1) Large-capacity design
- 2) Mitigate the hydraulic pulse and better protect the hydraulic components of the main engine
- 3) Provide constant performance, and enhance the striking force.

Oil seal:

World-leading product

Middle cylinder:

Standardized proportion, better stability and stronger striking force.

Piston:

- 1) Industry-leading material SNCM616V/26V
- 2) Ultra-long thermal treatment aging;
- 3) It has been proved in the practical operations that it demonstrates excellent strength, toughness, heat resistance, impact resistance, wear resistance and durability.

Lower cylinder:

Its structure is optimized, with excellent strength, toughness and durability.

Inner sleeve and outer sleeve:

High-strength customized alloy steel, longer service life and less maintenance cost.

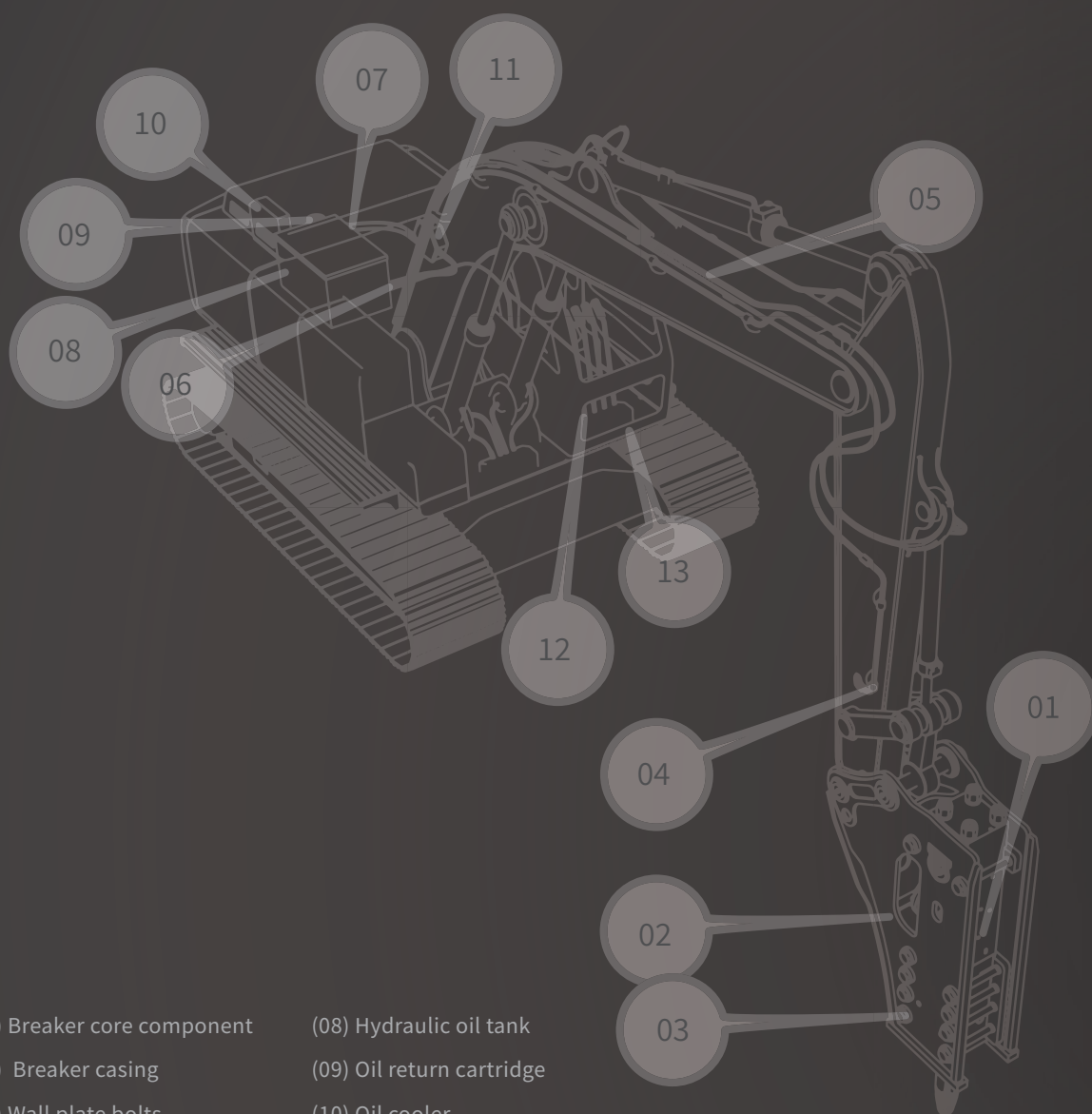
Casing:

- 1) Its bottom and back are made of reinforced material, which provides better wear resistance;
- 2) The whole-shell tempering process can make it withstand the most demanding field operation environment and working conditions.

Chisel:

Segmented thermal treatment process, with better strength and durability.

**ON THE WAY,
ON THE CONQUEST.**



- | | |
|-----------------------------|-----------------------------|
| (01) Breaker core component | (08) Hydraulic oil tank |
| (02) Breaker casing | (09) Oil return cartridge |
| (03) Wall plate bolts | (10) Oil cooler |
| (04) Shut-off valve | (11) Hydraulic pump |
| (05) Steel hose | (12) Foot valve or joystick |
| (06) Multi-way valve | (13) Carrier |
| (07) Relief valve | |

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