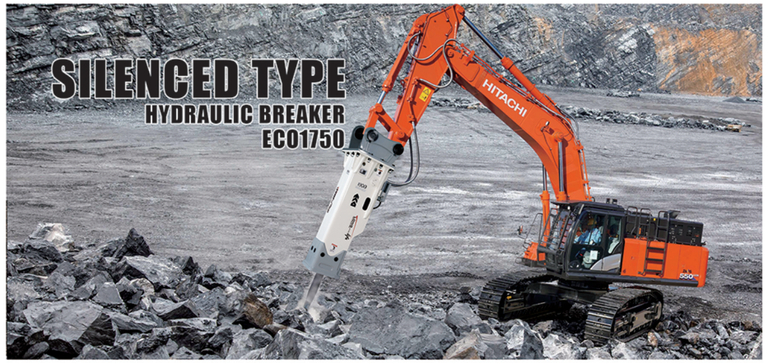
PROCESSING EQUIPMENT



ECO HYDRAULIC BREAKERS EXHIBITION



ECO HYDRAULIC BREAKERS CASE







ECO | Hydraulic Breaker
Professional Manufacturer

Demolition

Mining

Rock Breaking Jobs

ABF Device Hydraulic Auto Greasing System

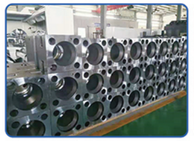
YIGAO PRECISION MACHINERY CO.,LTD

WWW.BREAKERECO.COM
NO.67, JINHE ROAD, FUSHAN DISTRICT,
YANTAI CITY, SHANDONG, CHINA
EMAIL:LIUHONGGANG@ECOYIGAO.COM
TEL:+86-535-6367007

COMPANY DETAILS

Established in 2008, Yigao Precision Machinery Co., Ltd. is located in the beautiful coastal city of Yantai, Shandong province. It covers an area of 150000 square meters and employs more than 50 people. The company is mainly engaged in the research, development, production, sales and maintenance of hydraulic breakers hammer and its accessories. The company has many top professional and technical research and development talents, field management and technical specialists, and dozens of world-class production equipment and first-class production technologies. Through continuous development, we have accumulated rich experience in the production of hydraulic crushing breakers and established a professional and experienced technical research and development team.
Through continuous improvement and breakthrough over the years, Yigao has now completed the transformation from a small breakers to a big breakers. The first domestic built- in reversing valve 210 big breakers and 175++ breakers with more stability and strength independently developed by the company's professional technical research and development director have absolute advantages in the market, and have become the focus at the Shanghai BMW Construction Machinery Exhibition, gaining unanimous praise and recognition from the industry. The company integrates research and development, production and sales. While stabilizing the domestic market, it has continuously developed foreign markets and achieved remarkable results. It now has cooperation with South Korea, India, Africa, Taiwan, Singapore, Vietnam, Malaysia, Slovenia, Japan, Pakistan and other places.



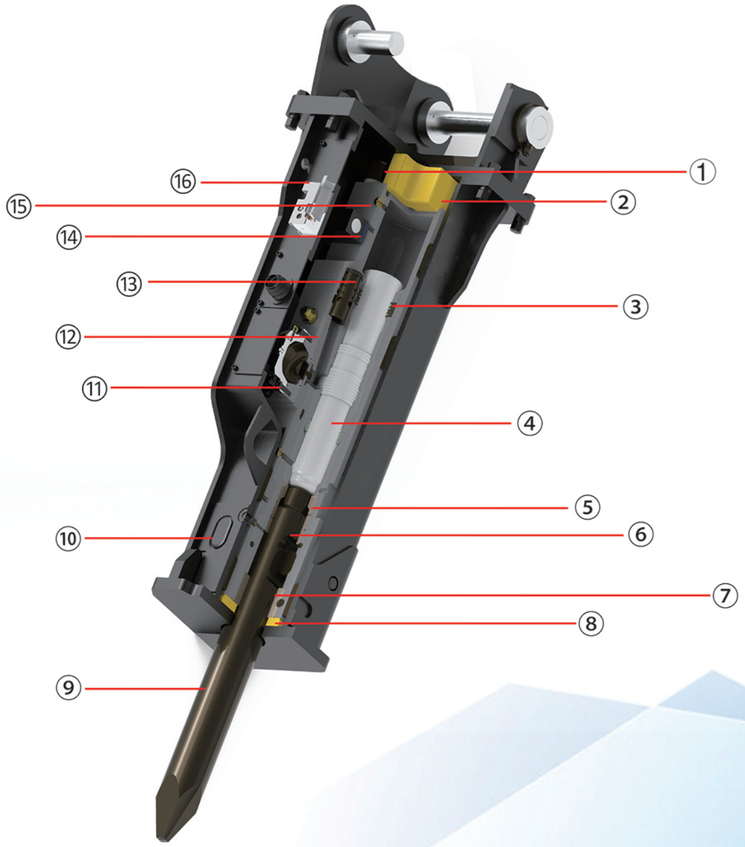



Advantage:

1. Selected raw material - high quality heavy duty wear resistant steel;
2. Hydraulic system, increases stability;
3. High-quality and durable wear parts;
4. Advanced manufacturing facilities, introduced from South Korea;
5. High energy and impact frequency;
6. High-performance optimized hydraulic unit;
7. The whole equipment features advanced design, simple structure, fewer components, low failure rate and easy maintenance.



STRUCTURE AND WORKING PRINCIPLE



	① Through Bolt Ass ' y		⑤ Front Head		⑨ Chisel		⑬ Valve Ass ' y
	② Head Damper		⑥ Inner Bush		⑩ Rod Pin		⑭ Holder With Damper
	③ Seal Retainer		⑦ Front Cover		⑪ Accumulator Ass ' y		⑮ Back Head Ass ' y
	④ Piston		⑧ Bottom Damper		⑫ Cylinder		⑯ Hydraulic Auto Greasing System

SPECIFICATION

YANTAI YIGAO PRECISION HYDRAULIC BREAKER STANDARD SPECIFICATION

CONTENT		UNIT	ECO350	ECO400	ECO450	ECO530	ECO600	ECO680	ECO750	ECO850	ECO1000	ECO1200H	ECO1250
CHISEL DIAMETER		mm	35	40	45	53	60	68	75	85	100	120	125
CHISEL WEIGHT		kg	3	4	8	10	14	18	23	29	54	80	88
OPERATING WEIGHT	SIDE	kg	75	80	110	140	200	250	360	560	770	1166	1290
	TOP	kg	89	120	150	160	270	320	370	590	890	1363	1260
	BOX	kg	87	120	150	200	300	350	440	650	900	1242	1260
LENGTH	SIDE	mm	854	972	1000	1140	1238	1330	1699	1767	1939	2081	2089
	TOP	mm	1023	1072	1119	1240	1388	1373	1719	2096	2251	2544	2520
	BOX	mm	1105	1158	1307	1363	1462	1558	1867	2106	2279	2518	2662
WIDTH	SIDE	mm	162	162	176	177	235	235	290	357	395	560	508
	TOP	mm	162	162	176	177	235	350	288	357	438	560	498
	BOX	mm	260	260	280	260	319	350	386	440	480	550	474
HEIGHT	SIDE	mm	360	370	420	470	540	660	790	900	1000	1150	1200
	TOP	mm	230	240	260	280	330	350	450	480	470	660	520
	BOX	mm	300	300	321	318	370	400	415	520	520	700	644
WORKING PRESSURE		kg/cm^2	80-110	90-120	90-120	90-120	100-130	110-140	120-150	130-160	150-170	150-180	150-170
REQUIRED OIL FLOW		l/min	15-30	15-30	20-40	25-50	30-60	40-70	50-90	60-100	80-110	90-120	90-120
IMPACT RATE		bpm	800-1500	800-1400	700-1200	600-1100	500-1000	500-900	400-800	400-800	350-700	400-700	350-650
HOSE DIAMETER		inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	1
EXCAVATOR CLASS		ton	0.8-2.5	0.8-2.5	1.2-3.0	2.5-4.5	3.0-5.5	4.0-7.0	6.0-9.0	7.0-14	11-16	14-18	15-18

The parameters above may change with the technology will not notice additionally.

YANTAI YIGAO PRECISION HYDRAULIC BREAKER STANDARD SPECIFICATION

CONTENT		UNIT	ECO1350	ECO1350H	ECO1400	ECO1500	ECO1500H	ECO1550	ECO1600H	ECO1650	ECO1750	ECO2000H	ECO2100H
CHISEL DIAMETER		mm	135	135	140	150	150	155	160	165	175	200	210
CHISEL WEIGHT		kg	115	115	126	155	155	182	195	205	247	350	420
OPERATING WEIGHT	SIDE	kg	1440	1610	1830	2115	2262	2550	3050	3050	3930	6550	7090
	TOP	kg	1600	1984	2130	2420	2414	2650	3380	3380	4380	7215	8140
	BOX	kg	1630	1747	1830	2357	2287	2680	3120	3120	3630	6715	7540
LENGTH	SIDE	mm	2289	2450	2414	2508	2686	2776	2925	2919	3189	3670	3860
	TOP	mm	2691	2866	2823	3055	3036	3119	3310	3359	3617	4300	4560
	BOX	mm	2729	2932	2849	3040	3035	3272	3286	3382	3720	4380	4640
WIDTH	SIDE	mm	508	560	508	610	630	610	580	610	665	770	800
	TOP	mm	580	560	620	660	660	710	760	710	760	900	940
	BOX	mm	540	600	560	640	640	640	670	670	730	840	890
HEIGHT	SIDE	mm	1210	1260	1250	1375	1364	1400	1455	1450	1630	1780	1920
	TOP	mm	580	680	600	760	735	780	845	800	800	1082	1100
	BOX	mm	700	750	700	780	780	766	860	790	870	1100	1230
WORKING PRESSURE		kg/cm^2	160-180	160-180	160-180	160-180	160-180	160-180	160-180	160-180	160-180	230-260	270-300
REQUIRED OIL FLOW		l/min	100-150	125-150	120-180	150-210	150-190	180-240	190-250	200-260	210-290	250-290	260-320
IMPACT RATE		bpm	350-600	450-600	350-500	300-450	300-650	300-450	250-500	250-400	200-350	110-150	110-150
HOSE DIAMETER		inch	1	1	1	1-1/4	1	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
EXCAVATOR CLASS		ton	16-21	18-20	18-26	28-35	28-35	28-35	35-45	30-45	40-55	55-80	80-100

The parameters above may change with the technology will not notice additionally.