

Win-win Business
Common Developments
携手共赢 共同发展



GET MACHINERY

HIGH QUALITY HYDRAULIC BREAKER PRODUCTS

高品质液压破碎锤产品系列

宁波市鄞州捷田机械有限公司
Ningbo Yinzhou Get Machinery Co., Ltd.

地址/Add: 浙江省宁波市鄞州区五乡镇中洲路288号
No.288, zhongzhou Road, wuxiang Town, yinzhou Dist., Ningbo, zhejiang china

电话/Tel | 传真/Fax: +86-0574-87042698

手机/Mobile/Whatsapp/Wechat: +86-13771243399

邮箱/E-mail: spring@getmachinery.cn

网址/Website: www.getmachinery.cn



网站/website



微信/wechat



宁波市鄞州捷田机械有限公司
Ningbo Yinzhou Get Machinery Co., Ltd.



TAKE GOOD QUALITY AS THE LIFEBLOOD OF THE ENTERPRISE

以质量为企业命脉

以诚信经营为企业宗旨，以客户满意为企业目标！热忱期待与您携手共赢，共同发展！

Take the integrity-based as the enterprise objective, take the customer satisfaction as the enterprise goal! We sincerely look forward to working with you for win-win business and common developments!

关于我们

宁波市鄞州捷田机械有限公司座落于浙江省经济中心，国际化港口城市——宁波。这里环境优美、资源丰富、交通便捷，优越的地理位置为公司发展奠定了先天的优势。

本公司专业生产各种型号高品质的液压破碎锤钎杆（钎杆直径范围 45mm~350mm），同时提供各种型号高品质的液压破碎锤及配件，包括破碎锤活塞、内外套、螺栓、扁销、上下缸体、油封、皮碗等配套产品。

本公司生产设备完善、检测设施齐全。产品从原材料-机械加工-热处理-汇总检测-成品包装，每道工序都严格要求，采用科学合理的生产管理和质量控制体系，并采用独特的热处理工艺技术，确保为用户提供高品质的产品和服务。

目前与国内外多家知名品牌厂家常年合作发展，产品远销中东、欧洲、南北美、非洲，东南亚等多个国家和地区。

Brief Introduction

NINGBO YINZHOU GET MACHINERY LTD locates in Ningbo-The Internation Harbor city,the economic zone of Zhejiang Province with beautiful environment,abundant resources and convenient transportation. Superior geography position gives the great advantages to the company's developments.We are specializing in manufacturing the high quality hydraulic breaker chisels for all models hydraulic breakers/hammers (The chisel diameter can be from 45mm-350mm),we also supply all high quality hydraulic breakers/hammers and the spare parts, such as Hydraulic breaker pistons,bushes,pins,bolts,front heads and back heads,seal kits,diaphragms etc.We have advanced CNC Equipments and Test devices. Products from raw material-machining-heat treatment-summarizing testing to finished standard packing,each procedure has the strict requirements with scientific and reasonable production management and quality control system, and we are adopting the unique heat treatment technology to ensure that we can provides the high quality products and services all the time.We are cooperating with many famous corporations at home and abroad.We export to the Middle East countries, European countries,North and South American countries,African countries,Southeast Asia countries and other countries and regions regularly.

Chisel Production Process

钎杆生产流程



原材料/Raw Materials



锯床锯原材料
Raw Material Cutting



机床加工
CNC Equipments Machining



热处理/Heat Treatment



GET MACHINERY



装运/Loading



喷漆包装
Painting & Packing



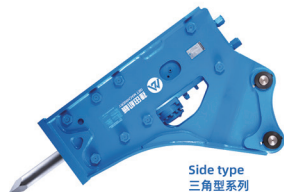
抛丸表面处理
Polishing



产品检测/Product Testing

Breaker Form Parameter

破碎锤表格参数



Side type
三角型系列



Top type
塔型系列



Box type
静音系列

■ 三角型系列 Side type

项目	PROJECT	UNIT	GM-40S	GM-45S	GM-53S	GM-70S	GM-75S	GM-85S	GM-100S	GM-125S	GM-135S	GM-140S	GM-150S	GM-155S	GM-165S	GM-175S
总重量	Working Weight	Kg	80	105	161	285	390	560	835	1366	1671	1855	2448	2741	3301	4287
钎杆直径	Chisel Diameter	mm	40	45	53	70	75	85	100	125	135	140	150	155	165	175
驱动油量	Required Oil Flow	L/min	15-30	20-40	20-50	40-70	50-90	60-100	80-110	90-120	100-150	120-180	150-210	180-240	200-260	220-300
驱动油压	Working pressure	kg/cm ²	90-120	90-120	90-120	110-140	120-150	130-160	150-170	150-170	160-180	160-180	160-180	160-180	160-180	160-180
打击频率	Impact Rate	b.p.m	800-1400	700-1200	600-1100	500-900	400-800	400-800	350-700	350-650	350-500	350-500	200-300	200-300	150-300	100-200
油管直径	Hose Diameter	in	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
配套主机	Applicable Excavator	Ton	0.5-1.2	0.8-1.5	1.5-3.5	4.5-6	6-8.5	7-11	10-14	14-18	18-22	20-24	24-27	27-33	33-38	40-50

■ 塔型系列 Top type

项目	PROJECT	UNIT	GM-40T	GM-45T	GM-53T	GM-70T	GM-75T	GM-85T	GM-100T	GM-125T	GM-135T	GM-140T	GM-150T	GM-155T	GM-165T	GM-175T
总重量	Working Weight	Kg	90	118	173	296	396	625	942	1535	1893	2134	2637	2995	3621	4617
钎杆直径	Chisel Diameter	mm	40	45	53	70	75	85	100	125	135	140	150	155	165	175
驱动油量	Required Oil Flow	L/min	15-30	20-40	20-50	40-70	50-90	60-100	80-110	90-120	100-150	120-180	150-210	180-240	200-260	220-300
驱动油压	Working pressure	kg/cm ²	90-120	90-120	90-120	110-140	120-150	130-160	150-170	150-170	160-180	160-180	160-180	160-180	160-180	160-180
打击频率	Impact Rate	b.p.m	800-1400	700-1200	600-1100	500-900	400-800	400-800	350-700	350-650	350-500	350-500	200-300	200-300	150-300	100-200
油管直径	Hose Diameter	in	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
配套主机	Applicable Excavator	Ton	0.5-1.2	0.8-1.5	1.5-3.5	4.5-6	6-8.5	7-11	10-14	14-18	18-22	20-24	24-27	27-33	33-38	40-50

■ 静音系列 Box type

项目	PROJECT	UNIT	GM-40B	GM-45B	GM-53B	GM-70B	GM-75B	GM-85B	GM-100B	GM-125B	GM-135B	GM-140B	GM-150B	GM-155B	GM-165B	GM-175B
总重量	Working Weight	Kg	86	137	180	362	466	666	986	1357	1730	1910	2295	2610	3149	4575
钎杆直径	Chisel Diameter	mm	40	45	53	70	75	85	100	125	135	140	150	155	165	175
驱动油量	Required Oil Flow	L/min	15-30	20-40	20-50	40-70	50-90	60-100	80-110	90-120	100-150	120-180	150-210	180-240	200-260	220-300
驱动油压	Working pressure	kg/cm ²	90-120	90-120	90-120	110-140	120-150	130-160	150-170	150-170	160-180	160-180	160-180	160-180	160-180	160-180
打击频率	Impact Rate	b.p.m	800-1400	700-1200	600-1100	500-900	400-800	400-800	350-700	350-650	350-500	350-500	200-300	200-300	150-300	100-200
油管直径	Hose Diameter	in	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
配套主机	Applicable Excavator	Ton	0.5-1.2	0.8-1.5	1.5-3.5	4.5-6	6-8.5	7-11	10-14	14-18	18-22	20-24	24-27	27-33	33-38	40-50



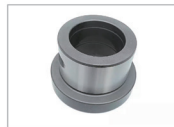
前缸体总成
FRONT HEAD ASSY



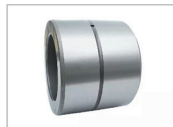
中缸体总成
CYLINDER ASSY



后缸体总成
BACK HEAD ASSY



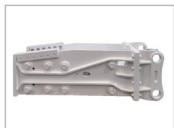
外套
FRONT COVER BUSH



内套
THRUST RING BUSH



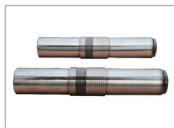
换向阀&活塞环
CONTROL VALVE& PISTON RING



外壳
HOUSING



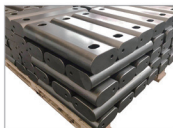
蓄能器
ACCUMULATOR



活塞
PISTON



通体螺栓&侧板螺栓
THROUGH BOLT & SIDE BOLT



扁销
ROD PIN



油封
SEAL KIT



减震块
DAMPERS



皮碗
DIAPHRAGM



连接器
BRACKET BOLT



调频阀
VALVE ADJUSTOR



小螺栓
SMALL BOLT



截止阀
STOP VALVE



溢流阀
RELIEF VALVE



踏板
PEDAL



充气装置
NITROGEN CHARGING KIT



工具箱
TOOL BOX



扳手
SPANNER



其他
OTHERS



斗轴&轴套
BUCKET PIN&BUSH



管路
PIPE KIT



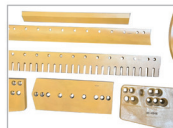
氮气瓶
GAS CYLINDER



螺栓
BOLT



活塞/套/螺栓/扁销
PISTON&BUSH&BOLT&PIN



刀板
CUTTING EDGE



挖斗
BUCKET



快速连接器
QUICK COUPLER

Hammer manufacturer	Serial	Model
Atlas Copco	阿特拉斯	MB 500,700,750,800,1000,1200,1500,1600,1650,1700
Atlas Copco	阿特拉斯	HB 1500,2000,2200,2500,3000,4100,4200,4700,5800,7000
Atlas Copco	阿特拉斯	PB 110,160,210,310,420,530
Atlas Copco	阿特拉斯	SB 50,52,100,100M,102,102,110,150,150M,152,152,200,202,300,302,450,452,552,702
Atlas Copco	阿特拉斯	SBC 50,60,115,225,410,610,650,800,850
Atlas Copco	阿特拉斯	TEX 30H,75H,80H,100H,110H,180H,250H,400,600,900H,1400H,1600,2000,1800H,2000H
Atlas Copco	阿特拉斯	HBC 1100-1700H-D,2500,4000,6000
BOBCAT	山猫	1250,1560,1750,2500,2560,2570,3500,3560,3570,5000,5500,6500
BOBCAT	山猫	HB 280,380,580,680,880,980,1180,2380
BOBCAT	山猫	B 300,500,600,700,850,950,1200,1400
Caterpillar	卡特	H 350Cs,45s,450Cs,500Cs,550Cs,630Cs,650Cs,700Cs,90,90Cs,100s 115s,120Cs,130,130C,140s,140Cs,Ds,160,160Cs,170,195s
CHICAGO PNEUMATIC	芝加哥气动	CP 100,150,200,300,400
Daemo	大模	S 150V/500V/700V/900V/1300V/1800V/2000V/2300V/2500V/3000,3500,4400,5000
Daemo	大模	DMB 50,70,90,140,180,210,215,230,235,250,300,380,450
Drago		DRH 80,120,150,180,250,280,650,900,1150,1600,1900
D&A	迪安	D&A 90,150,200,300,500,1300,1600,2200,3000,3600
D&A	迪安	D&A 8V,15V,20V,30V,40V,50V,70V,80V,130V,180V,200V,220V/300V/360V
DNB(DAINONG)		D 30,50,60HS,60,70HS,70,90HS,90,110HS,110,130HS,160HS,160
DNB(DAINONG)		K 20HS,25HS,30HS,40HS,50HS,55HS
Furukawa	古河	F 1,2,3,4,5,6,8,12,18,20,22,22.27,30,35,45,70
Furukawa	古河	HB-G 05R,1,2,3,5,8,10,15,20,30,40,50,100
Furukawa	古河	HB 100,200,400,700,1100,1200,1500,1600,2000
Furukawa	古河	FXJ 175,225,275,375,475
Hanwoo(Rhino)	韩平	RHB 30V/302,303V/303,304,305,305V/306,308,308-2,308,313,313V/320,322,322-2,325,328,328-2,330,340
Indeco	意德科	HB 5.8,12,19,27
Indeco	意德科	HP 200,350,500,600,700,900,1200
Indeco	意德科	MES 121,150,180,181,200,250,300,31,350,351,450,451,521,550,553,601,621,650 1050,1200,1500,1800,1750,2000,2500,3000,3500,5000,7000,8500
Indeco	意德科	UP 181,200,301,350,351,462,521,550,553,601,621,650,1200
Inan Makina-MTB	MTB	MT 10,15,20,25,30,35,36,40,45,65,65,95,120,150,170, 210,250,255,275,360,500,700
JCBHAMMER MASTER	JCB	HM-Q 65,100,100G,115,165,265,365,465,600,1260,1560,1760,2460,3060,4160
JCBHAMMER MASTER	JCB	HM 1600,360,360,390,460,550,650,1150,1050,1180,1350,1450,1750,2180,2350,2950,3650,3950
Kwanglin	广林	SG 330,350,400,800,1200,1800,2000,2100,2200,2500,2800,3000,3300,5000
Komatsu	小松	JKHB 51,71,101,101,401,601,2000
Komatsu	小松	JKHB 68,10,20,30,40,50,60,65,70,100,150,190,230,310,350
Komac	工马	KB 100,150,200,250,300,350,400,1000,1500,1700,2000,3500,3600,4200
Komac	工马	TOR 13,22,23,36,42

Hammer manufacturer	Serial	Model
Krupp	克虏伯	HM 45,50,51,55,60,61,60V,75,85,90V/100,110,130,131,135,140V/170,185,190,200,220,230, 300,301,305,400,401,405,350V/550,551,555,560,560Cs,580,600,601,680,700,701,702, 705,706,710,711,712,715,720Cs,780,800,900,901,902,950,951,952,957,960,1000,1200, 1201,1205,1300,1301,1305,1500,1800,1801,2000,2100,2200,2300,2500,2600
Krupp	克虏伯	AT 20,70,120,170,220
KENT	KHB	2G,2GH,1GH,0,2GH,20,3GH,30,5GH,50,8GH,80,10GH,100,15GH,150,20GH,200,30GH,300, 40GH,400,50GH,500,700
KENT	KF	1,2,3,4,5,6,8,12,18,22,27,35,45,70
Montabert	蒙特贝德	BRP 30,45,50,60,70,85,95,100,130,140,150
Montabert	蒙特贝德	BRH 40,75,76,90,91,126,260,270,501,570,620,625,750
Montabert	蒙特贝德	BRV 32,43,52
Montabert	蒙特贝德	M 30,50,60,70,85,95,125X,130,140,150,300,600,700,900
Montabert	蒙特贝德	SC 6.8,12,16,22,26,36,42,50
Montabert	蒙特贝德	V 32,1200,1800,2500,42
MSB	猛士	MS 200,225,250,300,400,430,500,550,600,600X,D,700,7000X,D,750,800,800X,D,900,1000
MSB	猛士	SAGA 120,200,210,220,250,270,300,330,1000,1500,2000
MTB	MTB	10,15,20,25,30,34,35,36,40,45,35,85,95,100,120,170,175,210,250,255,265,275,285,360,365,500,700
N.P.K	N.P.K	7X,8XA,8X,10X,10XB,10XE,110V14X,12,16X,18X,20X,25X
N.P.K	N.P.K	E 12X,15X,18,106,200,201,202,203,204,205,208,210,212,213,215,216,218,220,224,225,240
OKADA	冈田	TOP 35,60,100,200,300,2600,2700,2800
OKADA	冈田	OKB 302A,302,303,304B,304,305,308,310,312B,316,318
OKADA	冈田	UB 5.8,11
PROMOVE	PMV	90,290,390,690,1000,1390
PROMOVE	P	3SH,12SH,16SH,23SH,22,27SH
RAMMER	锐猛	M 14,18
RAMMER/SANDVIK	锐猛	BR 108,321,422,623,826,927,1229,2063,2064,2266,2266,2568,3068,3090
RAMMER/SANDVIK	锐猛	G 4510,4511,7013
RAMMER/SANDVIK	锐猛	G 80,88,90,100,110,120,130
RAMMER/SANDVIK	锐猛	E 63,64,65,66,66N,68
RAMMER/SANDVIK	锐猛	S PLOCOLO,21,20,22,23,23N,24,25,25N,26,26N,27,28,52,54,55,56 82,83,84,86
Soosan	水山	SB 10,20,30,35,40,43,45,50,60,70,81N,81,100,121,130,140,151
Stanley	史丹利	MB 105,125,156,250,350,506,550,656,800,15EX,20EX,30EX,40EX,50EX,70EX
Toku	东京	TNB 08M,1E,1M,2E,2M,3E,3M,4E,5E,5M,6E,6E,7E,8E,10E,14E,16E,22E,100,150,190,230,23E,230,310,460
Toyo	东洋	THBB 31,50,51,71,101,201,301,401,801,1101,1401,1401,1600,1601,2000,3000,5000
TABE	AGB	12,16,20,270,275,350,370,371,375,400,475,700,701,750, 1000,1300,1301,1600,1601,1620,1620,1600,2000,2001,2020,2800
WIMMER	WH	2,4,5,6,8,10,12,17,22,26,29,35,42,55,65,80
WIMMER	W	220,330,550,660,770,880,990

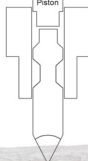
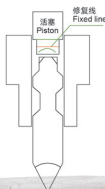
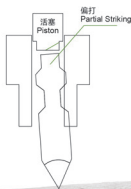
※ 采用特殊的热处理技术使钢钎既耐磨又不易折断。

The unique heat treatment technology makes the chisels more wearable and longer life.



Crack reason of Chisel and Piston

钎杆及活塞开裂



内外套磨损

因为内外套磨损太大(材料厚度>10mm)
长时间使用, 应力无法分散所致。
建议请及时更换内外套。

Thrust&outer bushing worn

Chisel and piston crack reasons:
thrust&outer bushing wear greatly(>10mm)
partial striking for long time, beard uneven,
please replace the thrust&outer bushing.

活塞需修复或更换

因为活塞长时间使用造成活塞表面磨损形
成裂纹, 与钎杆底部打也不能磨合所致
建议请及时修复活塞。

Piston needs to be repaired or replaced

Chisel and piston crack reasons:
the piston hits the chisel for long
time, causing piston surface worn and
concave, so it can not coincide with the tail
of chisel. Please repair or replace the piston.

正常使用
Normal use

User instructions 用户产品使用说明

1

Broken Piston Impact Area

Warranty is applied if damages occurred in normal operations, that is, no damages of internal-abrasive parts and no levering works etc is deemed to be happened by using of inappropriate materials or improper heat treatments. However, warranty excluded any breakages caused by stress concentrated certain areas by unstable work(e.g.abrasion of the adjacent parts, abnormal work etc) between the piston and the piston impact area.

Recommend: Replace damaged (worn) pin and bushings periodically, and do proper operations.



2

Deformed Piston Impact Area

Deformed piston impact area is caused by excessively continuous striking.No warranty

Recommend: Avoid a long-time continuous striking.



3

Damaged contact parts with chisel pins

It is resulted from unstable striking between the piston and the struck part of the chisel and excessive void (non-loading / blank fire) striking. No Warranty.

Recommend: Replace damaged (worn) pin and bushings periodically and do not void (non-loading / blank fire) striking.

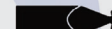


4

Mashrooming of the chisel tip

Long time and continuous striking (over one minute)to uncrushing area generates excessive heats, makes the chisel softening and mashed of shape of mashroom at the edge of chisel. No Warranty.

Recommend: Prohibit striking uncrushing part for more than one minute.



5

Broken at inner-assembly section of the breaker

Warranty will be applied if broken happened inside of the ring bush, that is, the section assembled inside of the breakers. However, broken caused by wider space between the chisels and the ring bushings will be excluded from the warranty.

Recommend: Select appropriate materials, do proper heat treatment and processing and replace the bushings periodically.

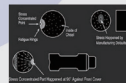


6

Broken at outer-assembly section of the breaker

It causes from excessive bending load caused by levering operation. This No Warranty. The shapes of the fatigue fracture shows series of circle marks(Generally called as "Beach Mark"or "Clam Shell Mark")that begins from the outside start point to the inside by stress concentrations as shown in the picture below. Broken from defective materials happened at inside of the chisels and will be warranted.

Recommend: Select appropriate materials, proper heat treatment, and no levering



7

Broken of end part of the chisel

It is caused by levering operation. No Warranty

Recommend: No levering and do vertical operation.

