



## Giant Hydraulic Tech Co., Ltd. China

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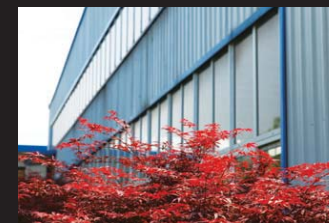
[www.giantchina.com](http://www.giantchina.com)



Giant Hydraulic Tech Co., Ltd., a National Hi-tech Enterprise, is specializing in developing and applying new hydraulic technology. At present it covers 60,000 m<sup>2</sup> with the building area of 25,000 m<sup>2</sup>, with RMB 200 million total capital and more than 100 sets of various precise processing machines. It is a medium-sized manufacturing enterprise with high modernized productive force and R&D capability.

The leading products are hydraulic attachment for excavator, such as Hydraulic Breaker, Tilt-Bucket, Stone Grip, Timber Grip, Demolition Grip, Ripper, Quick Couplings, Rotator, etc. With ISO9001, ISO14001 and CE certificate.

With the developing concept that "technology based and sustainable innovation", Giant is developing its own features in the field of hydraulic demolition machines, and promoting high efficient products continuously which enjoy a good reputation and are welcomed by the world market.





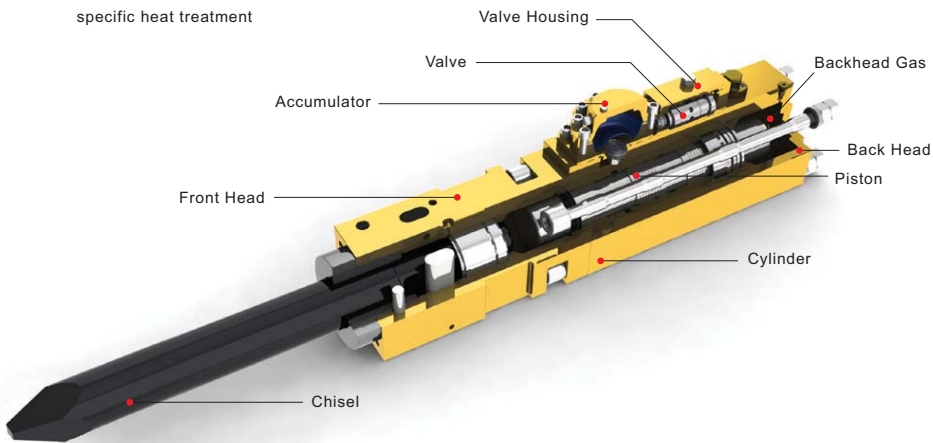






## The structure of hydraulic breaker

- 1. Highefficiency design
- 2. Superior CPR (cost-performance ratio)
- 3. Super impact power
- 4. Exquisite manufacturing engineering and specific heat treatment



The Parameter of GT-series Hydraulic Breakers																	
Model	GT08	GT10	GT 20	GT 30	GT 40	GT 50	GT 60	GT 70	GT 75	GT 80	GT 90	GT 100	GT 130	GT 150	GT 160	GT 190	GT 200
Tool Dia (mm)	40	45	53	70	75	85	100	120	125	135	140	140	150	155	155	160	175
Tool Weight (kg)	4	6	9	19	24	32	57	89	98	131	142	140	164	183	197	200	263
Operating Weight (kg)	Silence	137	195	260	390	480	648	917	1358	1415	1712	1947	2018	2145	2676	2691	3532
	Top	91	122	153	330	458	591	880	1420	1578	1890	2123	2121	2282	2935	3058	3684
	Side	81	102	140	264	345	493	736	1374	1484	1633	1890	1887	2352	2841	2923	3600
Operating Flux (l/min)	15-30	20-40	25-50	40-70	50-90	60-100	80-110	90-120	90-120	100-150	120-180	150-190	150-190	180-240	190-250	190-250	210-290
Operating Pressure (bar)	90-120	90-120	90-120	110-140	120-150	130-160	150-170	150-170	150-170	160-180	160-180	160-180	160-180	160-180	160-180	160-180	160-180
Impact Rate (bpm)	800-1400	700-1200	600-1200	500-900	400-800	400-800	350-700	350-650	350-650	350-600	350-500	350-500	350-500	350-450	300-450	300-450	200-350
Applicable Excavator	Capacity m <sup>3</sup>	≤0.07	0.03-0.1	0.06-0.2	0.15-0.3	0.20-0.35	0.25-0.5	0.4-0.6	0.5-0.7	0.5-0.75	0.6-1.0	0.85-1.2	0.85-1.2	1.1-1.5	1.2-1.6	1.2-1.6	1.3-1.8
	Weight ton	0.8-2.5	1.2-3.0	2.5-4.5	4.0-7.0	6.0-9.0	7.0-14	11-16	12-18	14-20	18-23	19-25	20-28	25-32	28-35	30-40	35-55

THERE ARE THREE TYPE OF THE BREAKERS: SILENCE TYPE, TOP TYPE & SIDE TYPE.



### The features of spare parts >>

1. Choose the high quality special alloy steel, precise digital control machining and special multi-heat treatment
2. Excellent composite mechanical function, high hardness and high impacting toughness
3. Long life, high reliability, the wear resistant chisels are not easy to be broken
4. Suit various working conditions, embody the high cost performance perfectly



### Product Summary >>

The Quick Couplings can assemble different kinds of attachments (such as grip, bucket, breaker and shear) to the excavator, enlarge the working area of the excavator, save time and improve working efficiency.



### Specification and parameters >>

Model	Weight kg	Connection Dimension of Connector		
		Width mm	Distance mm	Diameter mm
GTQ 30	15	180	230	30
GTQ 40	30	200	300	40
GTQ 50	75	270	430	50
GTQ 60	130	340	480	60
GTQ 70	230	450	600	70
GTQ 80	400	590	670	80

### Best Match >>

Applicable Excavator T	Model
1-2	GTQ 30
2-6	GTQ 40
6-12	GTQ 50
12-16	GTQ 60
16-22	GTQ 70
22-32	GTQ 80

### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline



### Product Summary >>

GTR series rotillator, a connector with the function of rotation and jiggling motion, is mainly used for replacement between excavator and different kinds of attachments.

Function: The attachments connected to the rotillator can rotate around itself 360° and the rotillator also can tilt ±40° by its neutral surface. These can enlarge the working area, reduce labour intensity and improve the labouring efficiency and economic benefits.



### Specification and parameters >>

Model	Max Torque kNm	Max System Pressure mpa	Max/min Flow Rate l/min	MaxHydraulic Pressure mpa	Weight kg	Width A mm	Width B mm	Width C mm
GTR 30	18	22	15/35	2.5	105	180	155	180
GTR 40	45	22	15/40	2.5	165	270	220	200
GTR 50	90	22	30/60	2.5	315	310	265	290
GTR 60	130	22	40/70	2.5	435	320	285	330
GTR 70	180	22	50/80	2.5	580	400	310	340
GTR 80	240	22	50/100	2.5	850	520	390	390

Model	Length D mm	Height E mm	Center distance F mm	Rotation Angle °	Tilt Angle °	Time/Flow Rate Of Inclination s/l/min	Time/Flow Rate Of Rotation s/l/min
GTR 30	375	245	230	±360	±40	5/7	7/25
GTR 40	455	365	300	±360	±40	5 / 7.5	7/24
GTR 50	540	420	430	±360	±40	5/19	7/50
GTR 60	700	455	480	±360	±40	5/21	7/60
GTR 70	810	510	600	±360	±40	5/48	7/70
GTR 80	910	650	670	±360	±40	5/75	7/65

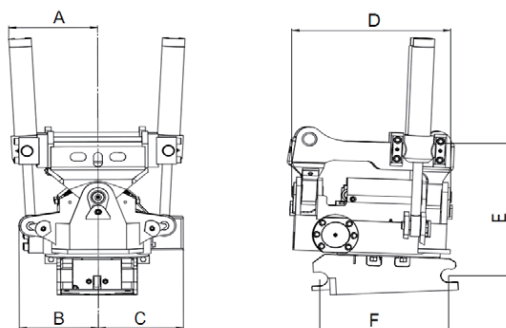
### Best Match >>

Applicable Excavator T	Model
1.5-3	GTR 30
3-7	GTR 40
7-12	GTR 50
12-16	GTR 60
16-22	GTR 70
22-32	GTR 80

### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

### Size indicate >>



### Product Summary >>

The Tilt-Bucket, which can change the tilt angle of the excavator bucket, doesn't need to change the place of the excavator. It can reduce the mechanical wear and fuel consumption, improve work efficiency.



### Specification and parameters >>

Model	Weight kg	Capacity l	Width mm	Oscillation Angle °
GTB-55	101	55	1050	45
GTB-80	130	80	1060	45
GTB-110	145	110	1060	45
GTB-150	175	150	1120	45
GTB-210	208	210	1360	45
GTB-350	417	350	1400	45
GTB-400	464	400	1600	45
GTB-500	700	500	1580	45

Model	Weight kg	Capacity l	Width mm	Oscillation Angle °
GTB-650	770	650	1600	45
GTB-750	900	750	1700	45
GTB-900	1100	900	1900	45
GTB-1000	1253	1000	1900	45
GTB-1150	1342	1150	2100	45
GTB-1400	1500	1400	2100	45
GTB-1600	1550	1600	2070	45

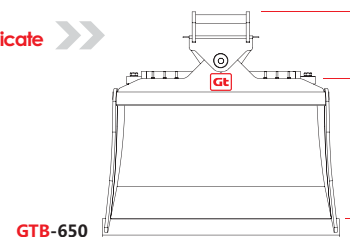
### Best Match >>

Applicable Excavator T	Model
1-2	GTB-55、GTB-80、GTB-110
2-6	GTB-150、GTB-210
6-12	GTB-350、GTB-400
12-16	GTB-500、GTB-650、GTB-750
16-22	GTB-900、GTB-1000、GTB-1150
22-32	GTB-1400、GTB-1600

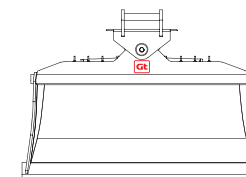
### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

### Size indicate >>



GTB-200



### Product Summary >>

The Stone Grip can be used for the movement and handling of sundry stone, it also can be applied to the handling of scrap.



### Specification and parameters >>

Model	Weight kg	Holding Area m <sup>2</sup>	Max Working Pressure bar	Working Flow l/min	Holding Power kN	Max Opening mm
GTG-28ST	416	0.3	300	60	16.2	1690
GTG-42ST	555	0.45	300	90	25	1900
GTG-55ST	1068	0.58	300	90	25	2270

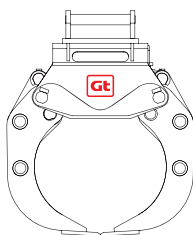
### Best Match >>

Applicable Excavator T	Model
10	GTG-28ST
14	GTG-42ST
20	GTG-55ST

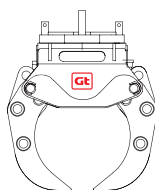
### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

### Size indicate >>



GTB-42st



GTG-28st

### Product Summary >>

Timber is mainly used for crawling grab a variety of logs for sawmill, timber yard, wharf loading and unloading and other occasions



### Specification and parameters >>

Model	Weight kg	Holding Area m <sup>2</sup>	Working Pressure bar	Working Flow l/min	Holding Power kN	Max Opening mm
GTG-16S	82	0.16	200	40	9	930
GTG-22S	190	0.22	200	50	13.5	1300
GTG-23S	204	0.23	200	50	13.5	1300
GTG-25S	291	0.25	200	50	11	1380
GTG-28S	374	0.3	250	60	16.6	1550
GTG-35S	415	0.38	250	70	17.5	1890
GTG-42S	535	0.5	250	90	21.8	1910
GTG-55S	857	0.7	250	90	25	2540

### Best Match >>

Applicable Excavator T	Model
2	GTG-16S
3	GTG-22S、GTG-23S
4	GTG-25S
10	GTG-28S
12	GTG-35S
14	GTG-42S
20	GTG-55S

### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

### Product Summary >>

The Demolish Grip is used for not only removing of wooden or brick house but also dismantling and sorting of other materials to recycle them. Its blades have substitutability. The wearing ones can be replaced while working to keep the best working condition.



### Specification and parameters >>

Model	Weight kg	Holding Area m <sup>2</sup>	Working Pressure bar	Working Flow Rate l/min	Holding Power kN	Max Opening mm
GTD-15	233	0.14	250	60	17.5	1270
GTD-20	528	0.20	350	60	33	1612
GTD-25	1028	0.26	350	90	57	1950
GTD-30	1595	0.32	350	90	69	2342
GTD-35	1739	0.32	350	90	69	2342

### Best Match >>

Applicable Excavator T	Model
5	GTD-15
10	GTD-20
17	GTD-25
22	GTD-30
25	GTD-35

### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

### Product Summary >>

The Ripper with strong digging force is usually single-tooth, but it also has two teeth and three teeth. It is applied to pan soil, the comminution of weathering stone and digging or loading and unloading works.



### Specification and parameters >>

Model	Weight kg
GTP-3	75
GTP-8	190
GTP-15	433
GTP-25	563
GTP-35	624

### Best Match >>

Applicable Excavator T	Model
1.5-5	GTP-3
5-11	GTP-8
11-22	GTP-15
22-30	GTP-25
30-40	GTP-35

### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline



### Product Summary >>

The compactor is a machinery tool to vibrate by the hydraulic power. It can finish plane vibration, slope vibration and quick piling task. It also can be used with heavy street roller to finish the vibration of road, railway, airport task, water and electricity which roller can't reach.



### Specification and parameters >>

Model	Hitting power kg	Vibration Frequency vpm	Flow Rate l/min	Working Pressure bar	Basic Panel Size mm	Weight kg
GTH 35	3500	2000	85-105	100-130	600*850	350
GTH 90	9000	2000	100-125	120-160	750*1100	700
GTH 130	13000	2000	135-165	130-170	850*1250	950

### Best Match >>

Applicable Excavator T	Model
3.5-9	GTH 35
12-20	GTH 90
24-35	GTH 130

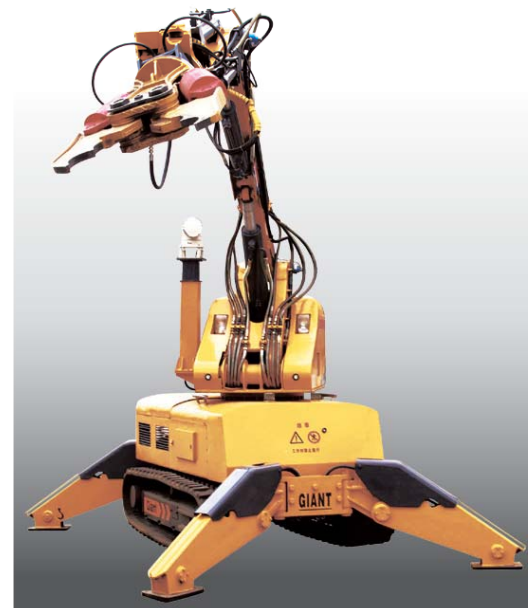
### Match tips >>

Attachment must match excavator strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

### Product Summary >>

The demolition robot is a machinery which can works in the dangerous and inconvenient place for people, such as abandoned furnace, fallen building, bridge.

This robot is competent to break the crust, demolish the brick in the cement factory, reconstruct the building or road. Workers can control this robot about 1 km away from the working place.



### Specification and parameters >>

Model	Weight kg	Traction kN	Travel Speed km/h	Rotary Speed rpm	Rear Min. Turning Radius mm	Track Width mm
GTC45C	4300; 4030( without tools)	17	3.4/4.5( slow/high)	8.3	750	300
GTC45D	4500; 4130( without tools)	31.7	3.4/4.5( slow/high)	6.8	750	300

Model	Min. Ground Clearance mm	Ground Pressure mpa	Motor	Max. Operating Height mm	Max. Operating Length mm	Max. Operating Depth mm	Chassis Operating Width mm
GTC45C	280	0.042	Motor	7015	6325	3400	2400
GTC45D	230	0.043	Diesel	7347	6398	3280	2850

### Best Match >>

Applicable Tool	Model
GT30 Breaker	GTC45C
hydraulic shear, compactor and breaker	GTC45D

### Match tips >>

Attachment must match robot strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

Product Summary >>

The fixed boom system, is applicable in the plate where material enters of all surface mine and underground mine ,and is competent of the job such as the dredge material obstruction crushing at the entry mouth of the grizzly.



Specification and parameters >>

Model	Ore Hardness f	Ore Lumpiness mm	Breaking Capacity ton/ hour	Rotary Type	Rotary Speed rpm	Working Pressure mpa
GTP30/40	≤ 15	≤ 500	≈ 15	Z/H Type	0-5	21
GTP60	≤ 17	≤ 1000	≈ 30	Z/H Type	0-5	21
GTP80/90/100	≤ 18	≤ 1000	≈ 50	Z/H Type	0-5	21

Model	Motor Power kw	Control Type	Arm Length m			
GTP30/40	30	Y/D/W	2.5/2.0	2.5/2.5	3.0/2.0	3.0/2.5
GTP60	55	Y/D/W	3.0/2.0	3.0/2.5	3.0/3.0	3.0/3.5
GTP80/90/100	90	Y/D/W	3.5/2.0	3.5/2.5	3.5/3.0	3.5/3.5

Best Match >>

Applicable Breaker	Model
GTB 30/40	GTP30/40
GTB60	GTP60
GTB80/90/100	GTP80/90/100

Match tips >>

Attachment must match boom system arm strictly according to manual standard, please use lifting equipment for installation. After fixing the fastness bolts, then can connect the pipeline

Tips >>

Rotary type:  
Z Type: Turntable Oil-cylinder Pedestal  
H Type: Swing Post Pedestal  
Control Type:  
Y:Manual Hydraulic Control  
D:Manual Electric Control  
W: Wireless Remote Control

