

HYDRAULIC HAMMER FOR RAPID RUNWAY REPAIR



**HYDRAULIC HAMMER
MODEL HH 119**

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World's 1st Machine functioning with 06
different attachments



Hydraulic Hammer



Hydraulic Breaker GTCL 65



Compactor GTCL 70



Crusher GTCL 04



Sorting Grapple GTCL 35



Auger GTCL 8



Dozer Blade

SPECIFICATION

Monoboom 4.6 m, Arm 2.3 m

Tier 3 engine 123 hp (92 kW) at 2000 rpm

Main Hydraulic pump

Transmission & axles

Double acting hydraulic line

Quick Coupler with hydraulic line

Additional Line for Rotating Movement

Air Conditioning

Opera Interface

LCD Monitor

Rear View Camera

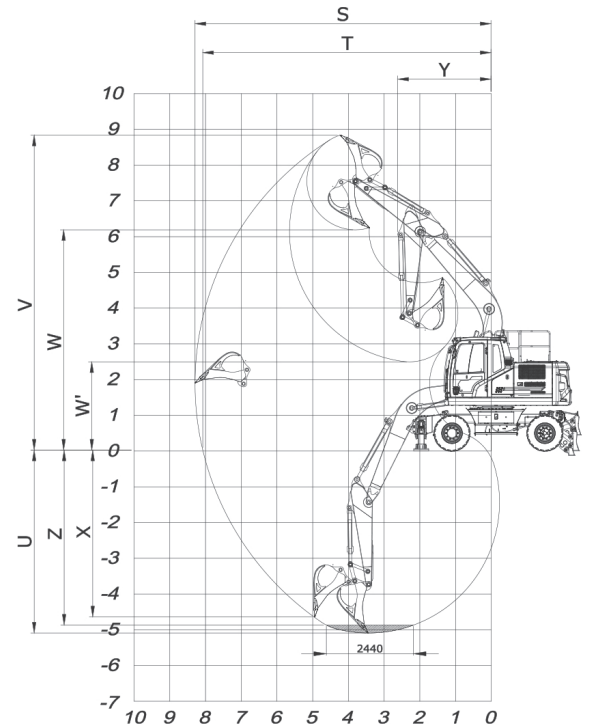
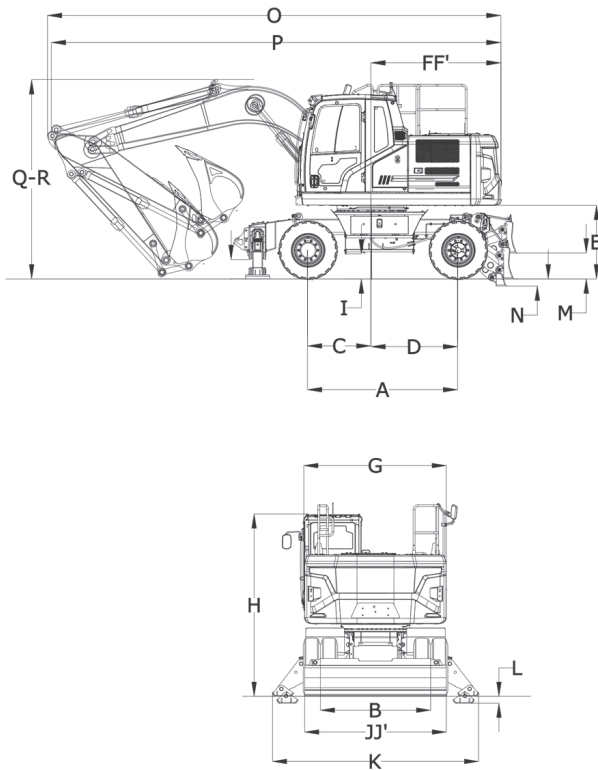
FOPS / ROPS cabin

900-20 Dual Tyres

Rear outriggers & Front dozer blade

0.5 m³ heavy duty bucket

Operating weight 16,550 kg



GENERAL DIMENSIONS

Boom Dimension	4600 mm		
Arm Dimension	*2300 mm	2000 mm	2600 mm
A - Axle Distance	2600 mm		
B - Thread	1944 mm		
C - Rotation Axis – Front Axle Distance	1500 mm		
D - Rotation Axis – Rear Axle Distance	1100 mm		
E - Upper Chassis to Ground Clearance	1280 mm		
F - Counterweight Distance	2250 mm		
F' - Countweight Turning Radius	2310 mm		
G - Upper Frame Width	2500 mm		
H - Cab Height	3185 mm		
I - Outrigger Ground Clearance	355 mm		
J - Width at Tires (9,0-20/18R19,5/10,0-20)	2500 mm		
K - Outrigger Width (Overall)	3634 mm		
L - Outrigger Digging Depth	122 mm		
M - Dozer Blade Ground Clearance	447 mm		
N - Dozer Blade Digging Depth	124 mm		
O - Overall Length / Travel	7850 mm	7850 mm	7770 mm
P - Overall Length / Transport	7780 mm	7890 mm	7660 mm
Q - Boom Height / Travel	3445 mm	43200 mm	3955 mm
R - Boom Height / Transport	3400 mm	3130 mm	3750 mm

*Standard

WORKING DIMENSIONS

Boom Dimension	4600 mm		
Arm Dimension	*2300 mm	2000 mm	2600 mm
S - Maximum Digging Reach	8220 mm	7940 mm	8520 mm
T - Maximum Digging Reach at Ground Level	7990 mm	7700 mm	8310 mm
U - Maximum Digging Depth	5020 mm	4720 mm	5320 mm
V - Maximum Digging Height	8780 mm	8600 mm	9020 mm
W - Maximum Dumping Clearance	6260 mm	6080 mm	6490 mm
W' - Minimum Dumping Clearance	2560 mm	2860 mm	2270 mm
X - Maximum Vertical Didding Depth	4540 mm	4250 mm	4840 mm
Y - Minimum Swing Radius	2620 mm	2580 mm	2670 mm
Z - Maximum Digging Depth (2440 mm level)	4800 mm	4470 mm	5120 mm

*Standard

DIGGING PERFORMANCE

Heavy Duty Bucket	0.5 m ³
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Outriggers

During Operation for more stability of Machine, rear side outriggers are used.



Dozer Blade

Compactor

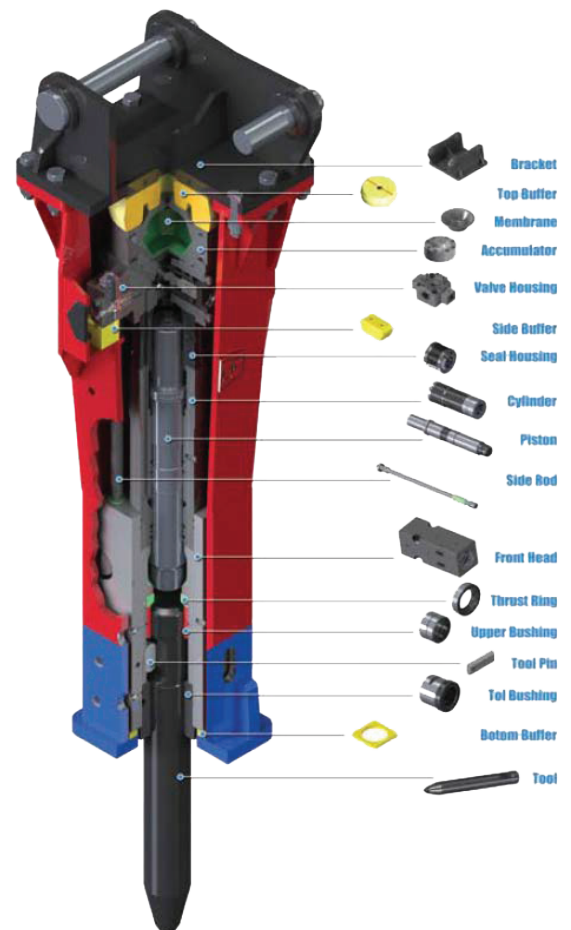
Model: **GTCL 70**



Operating Weight	410 kg
Power	3000 kg
Frequency	2000 N/min
Operating Pressure	150 Bar
Oil Flow	75 LPM
Height – C	760 mm
Bottom Plate	740 x 1050

Hydraulic Breaker Model: **GTCL 65**

Operating Weight	kg	900
	lb	1980
Impact Energy	joules	1760
	Ft-Lb	1298
Oil Flow	l/min	70-130
	gpm	18.5-34.4
Operating Pressure	Bar	125
	psi	1815
Tip Diameter	mmm	100
	Inch	3.93
Excavator Carrier Weight	Ton	10 - 16
	1000 lbs	22 - 35.2
Number of Impacts	beats/min	400-700
Volume	db	128



Crusher

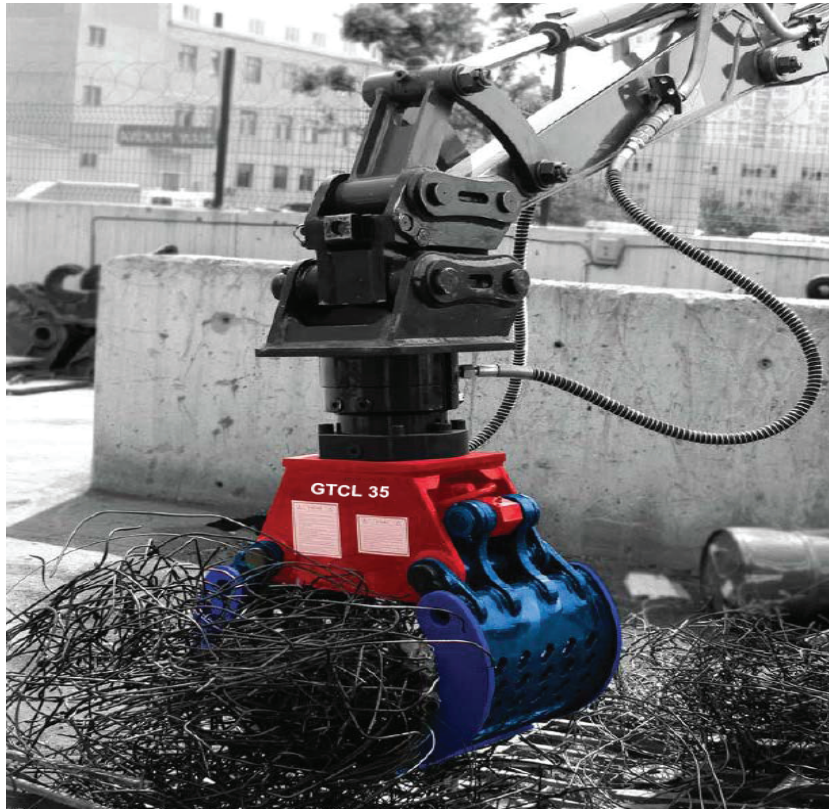
Model: **GTCL 04**



Operating Weight		475 kg
Height		1443 mm
Width		981 mm
Jaw Opening		410 mm
Cutter Length		75 mm
Closing Force		58000 kg
Bottom Plate		740 x 1050
Hydraulic Cylinder	Pressure	250 bar
	Flow	80~120 LPM
Rotation	Pressure	100 bar
	Flow	20~30 LPM
Carrier Weight		5~8 ton

Sorting Grapple

Model: **GTCL 35**



Operating Weight		375 kg
Height		1000 mm
Handling Volume		105 m ³
Jaw	Opening	315 mm
	Width	500 mm
Hydraulic Cylinder	Pressure	250~320bar
	Flow	40~70 LPM
Rotation	Pressure	200 bar
	Flow	30~40 LPM
	Relief Pressure	250 bar
Carrier Weight		5~8 ton

Auger Model: **GTCL 8**



Operating Weight	107 kg
Output Torque	5607Nm
Working Pressure	240 Bar
Oil Flow	70~115 LPM
Square Drive	57 mm
Carrier Weight	5~8 ton



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