



HIGHTOP MACHINERY

Your First Choice

HYDRAULIC EXCAVATOR

SHANDONG HIGHTOP GROUP



HIGHTOP GROUP

SHANDONG HIGHTOP GROUP

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www.hightopmachinery.com

Mini Excavator | Small Excavator | Crawler Excavator | Wheel Excavator

Company Profile

Professional Factory to Meet Your Personalized Needs

Shandong Hightop Group is a large-scale engineering construction machinery and equipment manufacturing group integrating scientific research, production and service. Its headquarter is located in Jining City, Shandong Province, covering an area of about 133,000 sq meters and a total of more than 500 employees. Hightop group is "Specialization, Refinement, Distinctive, Novelty" honorary enterprises of Jining city, and has introduced as a key project enterprise by government of The Economic and Technological Development administrative district. Its main products include engineering machinery series, like mini excavator from 1 ton to 3.5 ton. spray equipment series, like the two component high pressure pu spray machine. agricultural machinery series, loader series etc.

Hightop Brand excavator is No 1 of market share at near 5 years in mini excavator exporting market. Hightop conducts business in Europe, North America, South America, Southeast Asia and other area of the world. Until now, Hightop brand product have been exported to more than 177 countries and regions. At the same time, Hightop has 10 overseas warehouse distribution bases in the world, including 2 in the United States, 1 in Germany, 1 in the United Kingdom, 2 in Spain, 2 in Poland, 1 in Russia, and 1 in Saudi Arabia.

Quality is the life of Hightop Group. Technological innovation is Hightop's vitality, excellence is the artisan spirit of Hightop to abide. Until now, Hightop group has obtained 28 national patents, 21 trademarks and 3 copyrights. Hightop has got ISO 9001 international quality system certification, European Union CE certification, SGS certification, Germany TUV and France BV to meet the international different market demand.

We believe the science and technology always change the world. In the future, Shandong Hightop Group will strive to build an international first-class brand of excavators and first-class enterprise, to create contribution to society, to create value to customers, and to make happiness to the employees.



Our Advantages

SHANDONG HIGHTOP GROUP

PROFESSIONAL

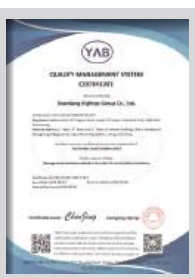
We take thoughtful, professional sales service as the purpose, is committed to providing products beyond customer expectations.

COMPETITIVENESS

Our company has sufficient resources and capabilities, in order to control the cost price advantage and provide excellent products and services.

GOOD SERVICE

With ten-years experience in manufacturing and marketing. All of our products are greatly appreciated.



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HT08 Mini Excavator

EPA/CE,ISO certificate Optional: Boom swing

Color can choose Red, Yellow, Blue, accept customization



Dimensions

Total width	720-780mm
Total height	1300mm
Total length	2430mm
Min. ground clearance	80mm
Track ground length	1140mm
Track width	150mm

Performance Parameter

Model	HT08	Pump form	Single gear pump
Rated power	7kw~7.5w	Set working pressure	14Mpa
Bucket Capacity	0.025 m³	Swing speed	12 rpm
Bucket width	340mm	Travel speed	2.2Km/h
Engine Model	KOOP 192F	Gradeability	30°
Optional Engine	BRIGGS&STRATTON	Ground pressure	19Kpa
Operating Weight	800 kg	Max. digging force	7.5KN

Working Range

Max.digging distance	2450mm
Max.digging depth	1200mm
Max.digging height	2350mm
Max.dumping height	1600mm
Min.Swing radius	1100mm
Max. Upgrade height of bulldozer blade	120mm
Max. Digging depth of bulldozer blade	200mm

HT-10B Mini Excavator

EPA/CE,ISO certificate Optional: Boom swing

Color can choose Red, Yellow, Blue, accept closed cab,telescopic chassis



Model:HT-10B

Weight	1000kg	Platform ground clearance	380 mm
Digging bucket capacity	0.025cbm/120kg	Platform back turning radius	784 mm
Bucket width	380mm	Chassis width	896 mm
Engine	KOOP 192F	Track width	180 mm
Optional Engine	Briggs & Stratton	Chassis ground clearance	132 mm
		Track height	320 mm
Bore stroke	Single cylinder, fan cool	Max. Digging depth	1750 mm
Rated power	7kw/3000r/min	Max. Vertical digging depth	1550 mm
Displacement	6.8ml/r	Max. Digging height	2610 mm
Travel speed	1.5km/h	Max. Dumping height	1850 mm
Overll dimension(LxWxH)	2900 x 930 x 2180 mm	Max. Digging radius on ground	3050 mm
Wheelbase	910 mm	Min. Rotation radius	1330 mm
Total length of track	1230mm	Max. Upgrade height of bulldozer blade	345 mm
Platform ground clearance	380 mm	Max. Digging depth of bulldozer blade	255 mm

HT-10H Mini Excavator

EPA/CE,ISO certificate ,Optional Boom swing

Color can choose Red, Yellow, Blue, accept closed cab,telescopic chassis



Model:HT-10H			
Weight	1000kg	Platform ground clearance	380 mm
Digging bucket capacity	0.025cbm/120kg	Platform back turning radius	784 mm
Bucket width	380mm	Chassis width	896 mm
Engine	KOOP 192F	Track width	180 mm
Optional Engine	Rato,Yoop,Koop,Changchai Briggs & Stratton	Chassis ground clearance	132 mm
Bore stroke	Single cylinder, fan cool	Track height	320 mm
Rated power	7kw/3000r/min	Max. Digging depth	1750 mm
Displacement	6.8ml/r	Max. Vertical digging depth	1550 mm
Travel speed	1.5km/h	Max. Digging height	2610 mm
Overall dimension(LxWxH)	2900 x 930 x 2180 mm	Max. Dumping height	1850 mm
Wheelbase	910 mm	Max. Digging radius on ground	3050 mm
Total length of track	1230mm	Min. Rotation radius	1330 mm
Platform ground clearance	380 mm	Max. Upgrade height of bulldozer blade	345 mm
		Max. Digging depth of bulldozer blade	255 mm

HT-10BZ Mini Excavator

EPA/CE,ISO certificate ,Optional Boom swing

Color can choose Red, Yellow, Blue, accept closed cab,telescopic chassis

- 1.Steel Hydraulic hose
- 2.Comfortable & agjustable seat
- 3.Dashboard
- 4.Cylinder protection
- 5.Sound insulation



Model:HT10BZ			
Weight	1000kg	Platform back turning radius	784 mm
Digging bucket capacity	0.025cbm/120kg	Chassis width	896 mm
Bucket width	380mm	Track width	180 mm
Engine	B&S Gasoline engine/Koop	Chassis ground clearance	132 mm
Rated power	10.1kw/7kw	Track height	320 mm
Displacement	0.211 L	Max. Digging depth	1750 mm
Bore stroke	70x55	Max. Vertical digging depth	1550 mm
Displacement	6.8ml/r	Max. Digging height	2610 mm
Travel speed	1.5km/h	Max. Dumping height	1850 mm
Overall dimension(LxWxH)	2900x900/930x2180 mm	Max. Digging radius on ground	3050 mm
Wheelbase	910 mm	Min. Rotation radius	1330 mm
Total length of track	1230mm	Max. Upgrade height of bulldozer blade	345 mm
Platform ground clearance	380 mm	Max. Digging depth of bulldozer blade	255 mm

HT-10C Mini Excavator

High fuel efficiency ,super power. Saving energy and protecting environment



HT-10CZ Mini Excavator

EPA/CE,ISO certificate Optional: Boom swing
Color can choose Red, Yellow, Blue, accept customization



Model:HT-10C			
Weight	1000kg	Platform back turning radius	784 mm
Digging bucket capacity	0.025cbm/120kg	Chassis width	896 mm
Bucket width	380mm	Track width	180 mm
Engine	KOOP (192F)	Chassis ground clearance	132 mm
Optional Engine	BRIGGS & STRATTON	Track height	320 mm
Bore stroke	Single cylinder, fan cool	Max. Digging depth	1750 mm
Rated power	7kw/3000r/min	Max. Vertical digging depth	1550 mm
Displacement	6.8ml/r	Max. Digging height	2610 mm
Travel speed	1.5km/h	Max. Dumping height	1850 mm
Overall dimension(LxWxH)	2900x900/930x2180 mm	Max. Digging radius on ground	3050 mm
Wheelbase	910 mm	Min. Rotation radius	1330 mm
Total length of track	1230mm	Max. Upgrade height of bulldozer blade	345 mm
Platform ground clearance	380 mm	Max. Digging depth of bulldozer blade	255 mm

Model:HT-10CZ			
Weight	1000kg	Platform back turning radius	784 mm
Digging bucket capacity	0.025cbm/120kg	Chassis width	896 mm
Bucket width	380mm	Track width	180 mm
Engine	KOOP (192F)	Chassis ground clearance	132 mm
Optional Engine	BRIGGS & STRATTON	Max. Digging depth	1750 mm
Bore stroke	Single cylinder, fan cool	Max. Vertical digging depth	1550 mm
Rated power	7kw/3000r/min	Max. Digging height	2610 mm
Displacement	6.8ml/r	Max. Dumping height	1850 mm
Travel speed	1.5km/h	Max. Digging radius on ground	3050 mm
Overall dimension(LxWxH)	2900 x 930 x 2180 mm	Min. Rotation radius	1330 mm
Wheelbase	910 mm	Max. Upgrade height of bulldozer blade	345 mm
Total length of track	1230mm	Max. Digging depth of bulldozer blade	255 mm
Platform ground clearance	380 mm		

HT-10D Mini Excavator

High fuel efficiency ,super power. Saving energy and protecting environment



Model:HT-10D			
Weight	1000kg	Platform ground clearance	380 mm
Digging bucket capacity	0.025cbm/120kg	Platform back turning radius	784 mm
Bucket width	380mm	Chassis width	896 mm
Engine	KOOP 192F	Track width	180 mm
Optional Engine	BRIGGS & STRATTON 10.1kw	Chassis ground clearance	132 mm
		Track height	320 mm
Bore stroke	Single cylinder, fan cool	Max. Digging depth	1750 mm
Rated power	7kw/3000r/min	Max. Vertical digging depth	1375 mm
Displacement	6.8ml/r	Max. Digging height	2610 mm
Travel speed	1.5km/h	Max. Dumping height	1850 mm
Overall dimension(LxWxH)	2775 x 930 x 2219 mm	Max. Digging radius on ground	2850 mm
Wheelbase	910 mm	Min. Rotation radius	1330 mm
Total length of track	1230mm	Max. Upgrade height of bulldozer blade	345 mm
		Max. Digging depth of bulldozer blade	255 mm

HT-10E Mini Excavator



Model:HT10E			
Engine	Koop/Briggs&Stratton	Maximum digging height	2605mm
Power	7KW/10.1KW	Maximum unloading height	1750mm
Transport length	2200mm	Maximum digging depth	1745mm
Total width	930mm	Maximum digging distance	2915mm
Upper width	805mm	Minimum turning radius	1405mm
Overall height (cab roof)	2195mm	Maximum height at minimum turning radius	2060mm
Standard track plate width	180mm	Bucket capacity	0.02m³
Track gauge	750mm	Working device form	backhoe
Shovel height above ground	110mm	Climbing capacity	30°
Depth of excavation of bulldozer	200mm	Main valve	Tengfei
Tail turning radius	795mm	Weight	1000kg
Track ground length	890mm		
Track length	1235mm		

HT-10G Mini Excavator

High fuel efficiency , super power Saving energy and protecting environment



PC-10 Mini Excavator

High fuel efficiency , super power. Saving energy and protecting environment



Model:HT10G			
Weight	1000kg	Standard track plate width	180mm
Digging bucket capacity	0.025cbm/120kg	Track gauge	750mm
Rotation speed	12RMP	Wheelbase	884mm
Climbing capacity	30°	Track ground length	962mm
Engine	KOOP 192	Track length	1204mm
Optional Engine	BRIGGS & STRATTON	Minimum ground clearance	100mm
Main Valve	Beifang	Tail swing radius	810mm
Rated power	7KW	Max. Digging height	2455mm
Overall length / transport length	4000/2380mm	Max. Dumping height	1650mm
Overall width	940mm	Max. Digging depth	1855 mm
Overall height (cab roof)	2268mm	Max. Digging radius on ground	3050mm
Total track width	930mm	Max. digging radius	3130mm
Main pump	Parker		

Model:PC10			
Rated power	12HP	Total height	1380-1980mm
Bucket capacity	0.025 m ²		(Folding safety frame)
Engine model	KOOP 192	Total length	2600mm
Optional engine	BRIGGS & STRATTON	Min. ground clearance	100mm
Operating Weight	900 kg	Track ground length	1140mm
Max. digging force	7.5KN	Track width	150mm
Pump form	Single gear pump	Max. digging distance	2750mm
working pressure	14Mpa	Max. digging depth	1450mm
Swing speed	12 rpm	Max diging height	2600mm
Travel speed	2.2Km/h	Max. dumping height	1760mm
Gradeability	30°	Min Swing radius	1100mm
Ground pressure	19Kpa	Max. ground clearance of bulldozer	120mm
Total width	880mm	Max. support depth of bulldozer	200mm

FIRST-CLASS CONFIGURATION

First-class core configuration, leading manufacturing technology, high standards of quality verification, to ensure that each machine is delivered to an excellent level.

01 Dynamical System

High quality Yanmar / Kubota / Briggs&Stratton / Changchai / Koop engine can ensure the reliability of the machine under bad working conditions. Come with red flexible coupling that acts as a shock absorber. If the engine jumps or the different shafts act, this will compensate.



02 Oil Supply System

lubricating oil pressure alarm system for protect the machine, it will be alarm automatically if no lubricating oil. (Optional)

The hydraulic tank breathing valve has a pressure compensating valve and air filtering function. The other manufacturers' machines are only one cover, no pressure.



03 Cooling System

Built-in sealed exhaust fan and good cooling system ensure the machine does not heat up and extend the service life. (Optional)



04 Running System

Travel motor come with three hose, one is the unloading pipe, prevents the internal pressure of the motor from being too high, and the internal high-temperature oil will be discharged in the unloading pipe to improve the service life of the traveling motor. (Optional)



05 Stable Equilibrium System



▲ New Cast iron counter weight

▲ ISO TOPS/ROPS TEST analysis system is used in the 4-leg driving shed, which is safe and reliable with high stability. New Cast iron counter weight to ensure more balanced digging force.

HT12 Mini Excavator

Three cylinders, water cool, Kubota Engine



Air filter
(double filters inside made in Germany)



Kubota Engine



Big size diesel tank and hydraulic oil tank 20L

Model: HT-12			
Weight	1200kg	Total length of track	1230mm
Digging bucket capacity	0.025cbm/120kg	Platform ground clearance	380 mm
Bucket width	380mm	Platform back turning radius	784 mm
Engine	Kubota D722 / 482	Chassis width	896 mm
Bore stroke	Three cylinders, water cool	Track width	180 mm
Rated power	10.2kw/2500r/min	Chassis ground clearance	132 mm
Main pump	G5-6	Track height	320 mm
Displacement	6.8ml/r	Max. Digging depth	1750 mm
Swing motor	China brand	Max. Vertical digging depth	1375 mm
Traveling motor	China brand USA EATON motor(optional)	Max. Digging height	2610 mm
		Max. Dumping height	1850 mm
Travel speed	1.5km/h	Max. Digging radius on ground	2850 mm
Battery	12V 60A	Min. Rotation radius	1330 mm
Overall dimension(LxWxH)	2775 x 930 x 2219 mm	Max. Upgrade height of bulldozer blade	345 mm
Wheelbase	910 mm	Max. Digging depth of bulldozer blade	255 mm

HT13 Mini Excavator



Model:HT13			
Transport	2325mm	Engine	KOOP192
Total width	1100mm	Optional	B & S, Changchai, Kubota
Upper width	990mm	Main valve	BEIFANG
Total height with roof top	2270mm	Max. digging height	2700mm
Track width	180mm	Max. Dumping Height	1840mm
Track gauge	920mm	Max. digging depth	1710mm
Bulldozer height ground clearance	105mm	Max. digging distance	2910mm
Bulldozer digging depth	270mm	Min. radius	1530mm
Tail turning radius	795mm	Max. height at min. turning radius	2100mm
Track grounding length	1050mm	Operating	1300kg
Track length	1545mm	Bucket capacity	0.025m3
Climbing capability	30°	Working device form	Backhoe

HT15 Mini Excavator

Double cylinder water cool engine.



Item	Model	HT15-1	HT15-2	HT15-3	HT15-4	HT15-5	Item	Model	HT15-Li
Vehicle Weight		1500kg	1500kg	1500kg	1500kg	1500kg	Operating weight		1500kg
Standard bucket capacity		0.04M3	0.04M3	0.04M3	0.04M3	0.04M3	Bucket capacity		0.04M3
Engine model		KOOP 192	B&S 25T2	KOOP 292/RATO	KUBOTA D722	B&S 3864	Battery		72V/48V
Rated power/speed		7KW	10.2KW	12KW	12KW	17.5KW	Power		4KW
System pressure		9Mpa	16Mpa	16Mpa	16Mpa	16Mpa	Battery voltage		72V/48V
Rotary speed		11RMP	11RMP	11RMP	11RMP	11RMP	Battery capacity		135Ah
Maximum climbing angle		35°	35°	35°	35°	35°	Battery weight		100KG/pc
Walking speed (high/low speed)		3.5Km/h	3.5Km/h	3.5Km/h	3.5Km/h	3.5Km/h	Working time		> 15H
Fuel tank volume		18L	18L	18L	18L	18L	Track length		1090
Wheel spacing		800mm	800mm	800mm	800mm	800mm	Platform ground clearance		380
Total tracked		1220mm	1220mm	1220mm	1220mm	1220mm	Rear-end swing radius		733
Platform clearance		375mm	375mm	375mm	375mm	375mm	Width of chassis		946
Chassis width		980mm	980mm	980mm	980mm	980mm	Width of track		180
Track width		180mm	180mm	180mm	180mm	180mm	Height of track		320
Maximum ground excavation radius		2900mm	2900mm	2900mm	2900mm	2900mm	Over length		2550
Maximum excavation depth		1850mm	1850mm	1850mm	1850mm	1850mm	Machine height		1330
Maximum excavation height		2450mm	2450mm	2450mm	2450mm	2450mm	Max. digging radius		2400
Maximum Unloading Height		1850mm	1850mm	1850mm	1850mm	1850mm	Max. digging depth		1650
Maximum vertical digger depth		1750mm	1750mm	1750mm	1750mm	1750mm	Max. digging height		2490
Minimum radius of rotation		1550mm	1550mm	1550mm	1550mm	1550mm	Max. dumping height		1750
Maximum lifting height of shovel		150mm	150mm	150mm	150mm	150mm	Max. vertical depth		1400
Maximum depth of excavation of a bulldozer		180mm	180mm	180mm	180mm	180mm	Min. gyration radius		1190
Maximum depth of excavation of a bulldozer		180mm	180mm	180mm	180mm	180mm	Max. lifting height of dozer blade		325

HT15 Pro Mini Excavator



Model:HT15pro-Li

motive power	Li battery
Battery	72V150Ah
Motor power	6.5KW
Motor model	Permanent magnet synchronous motor

Model:HT15pro

Transportation length	2300mm	Engine	Koop/Briggs&Stratton
Total width	930mm	Working quality	1000kg
Upper width	990mm	Bucket capacity	0.025cbm
Overall height (cab roof)	2270mm	Working device form	backhoe
Standard track plate width	180mm	Climbing capacity	30°
Track gauge	750mm	Maximum digging height	2690mm
Shovel height above ground	110mm	Maximum unloading height	1825mm
Depth of excavation of bulldozer	200mm	Maximum digging depth	1710mm
Tail turning radius	800mm	Maximum digging distance	2920mm
Track ground length	890mm	Minimum turning radius	1500mm
Track length	1235mm	Max. height at minimum turning radius	2110mm

HT16 Mini Excavator

EPA/CE,ISO certificate Optional: Boom swing
Color can choose Red, Yellow, Blue, accept customization



Model:HT16

Emission Standard	Tier 5/ Stage V	Overall dimension (L*W*H)	2450mm*940mm*2150mm
Engine	Kubota	Chassis width	1000mm
Model	D722	Axle base(Track length on ground)	1300mm
Power /Rotation speed	10.2kw(15HP)2500rpm	Track width	200mm
Number of cylinder	3	Min.Ground clearance	380mm
Maximum Travel speed	4km/h		

PERFORMANCE PARAMETER

Standard Bucket capacity	0.025m³	Maximum Digging height	2640mm
Swing speed	9 rpm	Maximum Dumping height	2100mm
Max. Grade ability	35°	Maximum Digging depth	1800mm
Maximum Bucket digging force	18KN	Maximum Vertical digging depth	2230mm
Maximum Arm digging force	11KN	Maximum Digging radius	2350mm
Hydraulic system pressure	18.2Mpa	Minimum swing radius	1190mm
Machine weight	1350kg		

MAIN DEMENSIONS

HT18-1 Mini Excavator

KOOP 292F 2cylinder,KUBOTA D722 3cylinder



HT18-2 Mini Excavator



Model:HT18-1

Engine	KUBOTA D722,KOOP 292	Min.ground clearance	119mm
Mainvalve	BEIFANG	Tail turning radius	790mm
Working weight(kg)	1800kg	Track ground length	1050mm
Bucket capacity	0.03m ³	Track length	1545mm
Power	10.2kw/14kw	Max digging height	2580mm
Swing speed	12RMP	Max.unloading height	1637mm
Gradeability	30	Max.digging depth	2060mm
Overall legnth	4325/1655mm	Max.digging distance	3160mm
Overall width	1100mm	Min.turning radiuse	1711mm
Upper width	990mm	Max.height at minimum turning radius	2048mm
Overall height	2272mm		
Standard track shoe width	200mm	Boom swing Angle(left)°	75
Track Gauge	920mm	Boom swing Angle(right)°	45

Model:HT18-2

Engine	Laidong385	Weight	1800KG
Bucket Capacity	0.04m ³	Track Length	1500mm
Bucket Width	415mm	Digging Depth	1900mm
Transport length	2550mm	Overall Height	2150mm
Ground clearance	380mm	Chassis width	1100mm
Power	39HP	Vertical excavation depth	1800mm
Track Width	200mm	Ground excavation radius	2500mm
Digging Height	2900mm	Rotary radius	840mm
Unloading height	2000mm	Machine size	2250*1100*2200mm
Wheel pitch	3227mm	Lifting height of shovel	325mm

HT18-3 Mini Excavator



Model:HT18-3

Engine	KUBOTA D722,KOOP 292	Min.ground clearance	119mm
Mainvalve	BEIFANG	Tail turning radius	790mm
Working weight(kg)	1800kg	Track ground length	1050mm
Bucket capacity	0.03m ³	Track length	1545mm
Power	10.2kw/14kw	Max digging height	2580mm
Swing speed	12RMP	Max.unloading height	1637mm
Gradeability	30	Max.digging depth	2060mm
Overall legnth	4325/1655mm	Max.digging distance	3160mm
Overall width	1100mm	Min.turning radiuse	1711mm
Upper width	990mm	Max.height at minimum turning radius	2048mm
Overall height	2272mm		
Standard track shoe width	200mm	Boom swing Angle(left)°	75
Track Gauge	920mm	Boom swing Angle(right)°	45

HT18-5 Mini Excavator



Machine Size		Engine	
Overall dimension (L*W*H)	3865mm*1050mm*2270mm	Emission Standard	Euro 5/EPA
Axle base(Track length on ground)	1230mm	Engine Brand / Power	Kubota D1105 14.2kw Perkins 14.7kw Laidong 3TE25 18.4Kw
Track gauge	820mm	Number of cylinder	3
Min.Ground clearance	210mm		
Swing radius at tail	1125mm		
Track System		Working Range	
Maximum Travel speed	3.5km/h	Max. Digging height	3365mm
Width of track shoe(Rubber & steel track)	230mm	Max. Dumping height	2385mm
Number of track shoe per side(Steel track only)	38 pcs	Max. Digging depth	2050mm
Number of upper roller/ bottom roller (per side)	0/4	Max. Vertical digging depth	1725mm
Performance Parameter		Max. Digging radius	3860mm
Standard bucket capacity	0.06m ³	Min .swing radius	1720mm
Swing speed	10~12 rpm	Max. Lifting height of blade	230mm
Max. Grade ability	35°	Max. Cutting depth of blade	275mm
Max. Bucket digging force	14KN	Boom swing angle(Left)	75°
Max. Arm digging force	10KN	Boom swing angle(Right)	45°
Hydraulic system pressure	18Mpa		
Machine weight	1800kg		

HT20-1 Mini Excavator

Hydraulic pilot operation



2ton with closed cabin



HT20-1		Specification	
Engine	Laidong385 3TN25	Working	2000kg
Vavle	Beifang	Bucket capacity	0.04m ³
Overall Dimension		Rated power	19KW/2200RPM
Total length/transportation length	3337/2597mm	Revolation speed	12RMP
Total width	1100mm	Gradeability	30°
Upper width	1053mm	Working range	
Total Height	2325mm	Max. Digging Height	2580mm
Track width	200mm	Max. Dumping Height	1637mm
Track Gauge	920mm	Max. digging depth	2060mm
Mini. ground clearance	119mm	Max. digging distance	3130mm
Tailswing Radius	1013mm	Min. swing Radius	1575mm
Track ground length	1050mm	Height when min. swing radius	2075mm
Track length	1545mm		

HT20-3 Mini Excavator

Japan KUBOTA engine , 14.1kw . Boom swing, Tailless rotation



HT20-3		Performance Parameter	
Overall dimension (L*W*H)	4170mm*1300mm*2280mm	Standard bucket capacity	0.1m ³
Axle base(Track length on ground)	1230mm	Swing speed	12rpm
Track gauge	1070mm	Max. Grade ability	30°
Min. Ground clearance	230mm	Max. Bucket digging force	15.3KN
Swing radius at tail	1180mm	Max. Arm digging force	10.5KN
Track System		Hydraulic system pressure	18Mpa
Maximum Travel speed	3.5km/h	Machine weight	2000kg
Width of track shoe	230mm	Arm length	1000mm
Number of track shoe per side	38pcs	Working Range	
Number of upper roller per side	0	Max. Digging height	3700mm
Number of bottom roller per side	4	Max. Dumping height	2290mm
Engine		Max. Digging depth	2450mm
Emission Standard	Euro5/ EPA	Max. Vertical digging depth	2160mm
Engine Model	KUBOTA	Max. Digging radius	4370mm
Power/Rotation speed	14.1kw(20HP)2000rpm	Min .swing radius	2020mm
Optional Engine	China Laidong 22.1kw,2300rpm	Max. Lifting height of blade	240mm
Number of cylinder	3	Max. Cutting depth of blade	310mm
		Boom swing angle(Left)	75°
		Boom swing angle(Right)	45°

HT22 Mini Excavator



Model:HT22				
Total length/transport length	4750mm	Operating weight	2172kg	
total width	990mm/1300mm	Bucket capacity	0.056m³	
Top Width	1050mm	Rated power	14.2KW/2200rpm	
Total heigh	2470mm	Rated speed	9.5r/min	
Track width	230mm	Gradeability	58%	
Track Gauge	780mm/1090mm	Engine	Model	KUBOTA D1105 3 cylinder direct injection
Min.ground clearance	150mm		Rated power	14.2KW/2200
Tail turning radius	780mm	Main valve	Model	TRM10-BX-09-JNJT-01
Track ground length	1200mm		Pressure	20.5MP
Track length	1500mm	Main valve	Model	TFA10VO28/53R
Max. digging height (a)	3500mm		Displacement	28ml/r
Max.unloading height(b)	2560mm	Traveling Motor	Model	KTD-490
Max Digging depth(c)	2370mm		Traveling speed	2.2/4.3km/h
Max. digging distance(d)	3030mm	Fuel tank	Traction	18KN
Min.turning radius(e)	1750mm		Capacity	21L
Max. height at minimum turning radius(f)	2600mm	Cooling system	Capacity	5.05L
		hydraulic oil tank	Capacity	21.4L

HT25 Mini Excavator

Retractable shoes, Boom swing, Tailless rotation



Machine Size		Performance Parameter	
Overall dimension (L*W*H)	3865mm*1050mm*2270mm	Standard bucket capacity	0.06m³
Axle base(Track length on ground)	1230mm	Swing speed	10~12 rpm
Track gauge	820mm	Max. Grade ability	35°
Min.Ground clearance	210mm	Max. Bucket digging force	14KN
Swing radius at tail	1125mm	Max. Arm digging force	10KN
Track System		Hydraulic system pressure	18Mpa
Maximum Travel speed	3.5km/h	Machine weight	2500kg
Width of track shoe(Rubber & steel track)	230mm	Working Range	
Number of track shoe per side(Steel track only)	38 pcs	Max. Digging height	3365mm
Number of upper roller/ bottom roller (per side)	0/4	Max. Dumping height	2385mm
Engine		Max. Digging depth	2050mm
Emission Standard	Euro 5/EPA	Max. Vertical digging depth	1725mm
Engine Brand / Power	Kubota D1105 14.2kw Perkins 14.7kw Laidong 3TE25 18.4Kw	Max. Digging radius	3860mm
Number of cylinder	3	Min .swing radius	1720mm
		Max. Lifting height of blade	230mm
		Max. Cutting depth of blade	275mm
		Boom swing angle(Left)	75°
		Boom swing angle(Right)	45°

HT25-2 Mini Excavator

Retractable shoes, Boom swing, Tailless rotation



Model:HT25-2		Machine Size	
Emission Standard	Tier 5/ Stage V	Overall dimension (L*W*H)	3850*1300/1500*2290mm
Make	KUBOTA	Chassis Recovery	1300mm
Model	D1105	Chassis Extension	1500mm
Power /Rotation speed	14.1kw(20HP)@2000rpm	Axle base(Track length on ground)	1300mm
Number of cylinder	3	Min.Ground clearance	230mm
Maximum Travel speed	3km-5.5km/h	Swing radius at tail	750mm
Width of track shoe	250mm	Working Range	
Number of track shoe per side	38pcs	Maximum Digging height	3980mm
Number of upper roller per side	1	Maximum Dumping height	2610mm
Number of bottom roller per side	3	Maximum Digging depth	2500mm
Performance Parameter		Maximum Vertical digging depth	2050mm
Standard Bucket capacity	0.07m³	Maximum Digging radius	4130mm
Swing speed	9.5 rpm	Minimum swing radius	1850mm
Max. Grade ability	35°	Maximum Lifting height of blade	280mm
Maximum Bucket digging force	19.5KN	Maximum Cutting depth of blade	310mm
Maximum Arm digging force	11KN	Boom swing angle(Left)	75°
Hydraulic system pressure	21.5Mpa	Boom swing angle(Right)	55°
Machine weight	2480kg		

HT26-2 Mini Excavator



Model:HT26-2			
Overall weight	2416KG	Ground to upper disc distance	534 mm
Bucket capacity	0.075m³	Front and rear wheelbase	1560 mm
Engine Model	Changchai390	Left and right track distance	1200 mm
Engine power	20KW/2200rpm	Dynamic arm deflection	45° (left)
Overall length	3074mm	Admiral's arm deflection	55° (right)
Overall width	1500mm	Tail swing radius	936 mm
Overall height	2313mm	Minimum ground clearance	230 mm
Hydraulic system pressure	18Mpa	Maximum bucket digging force	19.5KN
Number of single side supporting wheel	3 pieces	Number of sprockets on one side	1 piece

HT30 Mini Excavator



Machine Size		Performance Parameter	
Overall dimension (L*W*H)	4170mm*1300mm*2280mm	Standard bucket capacity	0.1m³
Axle base(Track length on ground)	1230mm	Swing speed	12rpm
Track gauge	1070mm	Max. Grade ability	30°
Min.Ground clearance	230mm	Max. Bucket digging force	15.3KN
Swing radius at tail	1180mm	Max. Arm digging force	10.5KN
Track System		Hydraulic system pressure	18Mpa
Maximum Travel speed	3.5km/h	Machine weight	3000kg
Width of track shoe	230mm	Arm length	1000mm
Number of track shoe per side	38pcs	Working Range	
Number of upper roller per side	0	Max. Digging height	3700mm
Number of bottom roller per side	4	Max. Dumping height	2290mm
Engine		Max. Digging depth	2450mm
Emission Standard	Euro5/ EPA	Max. Vertical digging depth	2160mm
Engine Model	KUBOTA	Max. Digging radius	4370mm
Power/Rotation speed	14.2kw(20HP)2000rpm	Min .swing radius	2020mm
Optional Engine	China Laidong 22.1kw,2300rpm	Max. Lifting height of blade	240mm
Number of cylinder	3	Max. Cutting depth of blade	310mm
		Boom swing angle(Left)	75°
		Boom swing angle(Right)	45°

HT30-2 Mini Excavator



Model:HT30-2		Performance Parameter	
Emission Standard	Tier 5/ EPA 4	Standard Bucket capacity	0.1m³
Make /Model	KUBOTA D1105	Swing speed	12rpm
Power /Rotation speed	14.1kw(20HP)@2000rpm	Maximum Grade ability	30°
Number of cylinder	3	Maximum Bucket digging force	15.3KN
Maximum Travel speed	2.5km/h	Maximum Arm digging force	10.5KN
Width of track shoe(Rubber &steel track)	230mm	Hydraulic system pressure	18Mpa
Number of track shoe per side(steel track only)	38pcs	Machine weight	2550kg
Number of upper roller per side	0	Boom length	1850mm
Number of bottom roller per side	4	Arm length	1000mm
Machine Size		Working Range	
Overall dimension (L*W*H)	4170mm*1300mm*2280mm	Maximum Digging height	3700mm
Axle base(Track length on ground)	1230mm	Maximum Dumping height	2290mm
Track gauge	1070mm	Maximum Digging depth	2450mm
Minimum Ground clearance	230mm	Maximum Vertical digging depth	2160mm
Swing radius at tail	1180mm	Maximum Digging radius	4370mm
		Minimum swing radius	2020mm
		Maximum Lifting height of blade	240mm
		Maximum Cutting depth of blade	310mm
		Boom swing angle(Left/Right)	70°/50°

HT35 Mini Excavator



Model:HT35		Performance Parameter	
Transport length	4400 mm	Climbing ability	35°
Transport height	2200 mm	Max. digging force	55.6KN
Chassis width	1530/1600 mm	Travel speed	2.4/4. 6km/h
Track width	300 mm	Rail contact pressure on the ground	34.8kpa(0.355kgf/8cm2)
Total track length	2175 mm	Specification	
Track gauge	1703 mm	Bucket Capacity	0.26m3
Pitom ground clearance	557 mm	Fuel reservoir	60L
		Hydraulic tank capacity	75L
		Operating Weight	3600kg
Engine		Working Range	
Engine model	ZN490	Max. Digging height	4450 mm
Power	34 KW	Max.dumping height	3050 mm
Cooling method	Water- cooling Diesel engine	Max. Digging depth	2545 mm
Hydraulic system		Maximum digging distanc	4630 mm
Operating Pressure	22 mpa	Max.Digging radius	4730 mm
Walking motor	Two speed plunger	Minimum radius of gyration	1820 mm
Rotary motor	Variable plunger	Maximum lifting height of earth shovel	359 mm
The main pump	32cc Plunger 32cC	The maximum digging depth of dozer	268 mm
Flow	99/min	Min Tail swing radius	1170 mm

New optimization and upgrading

1. The overall shape adopts tailless design, which is flexible and versatile. It works in narrow space conditions such as city streets and basements.
2. the cab adopts integrated steel structure design, the structure is safe and reliable, equipped with heating and cooling air conditioning, in order to further improve comfort, the same level of cab space standard, the space is increased to the maximum.
3. the working device has the function of skew, can be combined with the up rotation operation, the new optimization design of the working device, strengthen the skew body, and greatly improve the life.
4. the new debugging of the hydraulic system, walking compound action operation is more smooth, slope heavy rotation ability is greatly improved.



Load-sensitive main valve:

- Highly coordinated operation and high efficiency
- Plate-type structure, flexible adjustment
- Precise control and good micro-movement
- Small pressure loss and more energy saving
- Comfortable operation



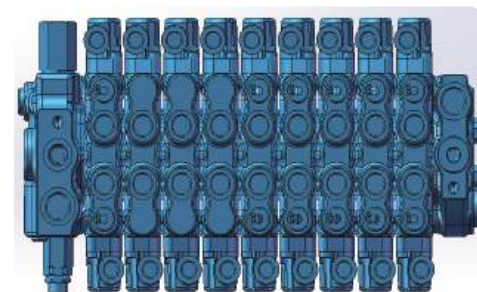
Plunger walking motor



Plunger rotary motor



Plunger pump



Load sensitive system, high reliability, low pressure loss,
The compound action is smooth.

HT40 Small Excavator

High fuel efficiency , super power Saving energy and protecting environment



HT40		PERFORMANCE PARAMETER	
Emission Standard	Euro 5,EPA4	Standard Bucket capacity	0.12m³
Make /Model	KUBOTA /D1703	Swing speed	9rpm
Power /Rotation speed	18.5kw(25HP)@2200rpm	Maximum Grade ability	58%
Number of cylinder	3	Ground pressure	32Kpa
Type	In-line,water cooled, 4-stroke , mechanical pump, normally aspirated	Maximum Bucket digging force	30.4KN
Max.torque	97.4N.m/1500rpm	Maximum Arm digging force	18.2KN
Displacement	1.647L	Hydraulic system pressure	22.5Mpa
TRACK DRIVING SYSTEM		Machine weight	3810kg
Maximum Travel speed(High/low)	4.4/2.4km/h	Boom length	2535mm
Width of steel track shoe	300mm	Arm length	1400mm
Carrier roller(Each side)	1	Fuel tank capacity	42L
Supporting roller(Each side)	4	Hydraulic oil tank capacity	48.5L
		Engine oil capacity	7L
MACHINE SIZE		WORKING RANGE	
Overall dimension (L*W*H)	4915mm*1720mm*2525mm	Maximum Digging height	4800mm
Axle base(Track length on ground)	1670mm	Maximum Dumping height	3406mm
Length of rubber track	2154mm	Maximum Digging depth	3208mm
Track gauge	1420mm	Maximum Vertical digging depth	2957mm
Minimum Ground clearance	295mm	Maximum Digging distance	5480mm
Swing radius at tail	860mm	Maximum digging distance (on ground)	5359mm
Swing radius at front	2538mm	Minimum swing radius	2530mm
Height of blade	350mm	Max.height when min.swing radius	3655mm
		Maximum Lifting height of blade	365mm
		Maximum Cutting depth of blade	385mm
		Boom swing angle(Left/Right)	55°/65°

HT45 Small Excavator

High fuel efficiency , super power. Saving energy and protecting environment



Boundary dimension		Working rage	
Transport length	4400 mm	Max. Digging height	4450 mm
Transport height	2200 mm	Max.dumping height	3050 mm
Chassis width	1530/1600 mm	Max. Digging depth	2545 mm
Track width	300 mm	Maximum digging distanc	4630 mm
Total track length	2175 mm	Max.Digging radius	4730 mm
Track gauge	1703 mm	Minimum radius of gyration	1820 mm
Pitom ground clearance	557 mm	Maximum lifting height of earth shovel	359 mm
		The maximum digging depth of dozer	268 mm
		Min Tail swing radius	1170 mm
Engine		Performance parameter	
Engine model	ZN490	Climbing ability	35°
Power	34 KW	Max. digging force	55.6KN
Cooling method	Water-cooling Diesel engine	Travel speed	2.4/4.6km/h
Hydraulic system		Rail contact pressure on the ground	34.8kpa(0.355kgf/cm²)
Operating Pressure	22 mpa	Specification	
Walking motor	Two speed plunger	Bucket Capacity	0.26m³
Rotary motor	Variable plunger	Fuel reservoir	60L
The main pump	32cc Plunger 32cC	Hydraulic tank capacity	75L
Flow	99/min	Operating Weight	4500kg

HT60 Crawler Excavator



Model	HT60	Working Range	
(SAE) Bucket Capacity	0.3m³	Max.Digging Height	5760mm
Climbing ability	35°	Max.Dumping Height	4030mm
Maximum digging force	5560N	Max.Digging Depth	3820mm
Travel speed	2.4-3.8KM/h	Max.Digging radius	6150mm
Unit swing speed	8-10r/min	Minimum radius of gyration	2250mm
Hydraulic tank capacity	32L	Maximum lifting height of earth shovel	359mm
		The maximum digging depth of dozer	268mm
		Min Tail swing radius	1170mm
Dynamical system		Machine Size	
Model	Yanmar 4TNV94	Total weight	6000KG
power	37.4/2200	shipping length	5850
Cooling method	water-cooling	Total height during transportation	2575
Hydraulic System		Upper shelf / chassis width	1880
Operating Pressure	28mpa	track width	400
L/MIN	109L/min	Track length	2540
pump	Plunger	Track gauge	1880
Walking motor	Two speed plunger	Min.ground clearance	680
Shape	Load Sensing System	Boom length	3000
		Stick length	1600

HT75 Crawler Excavator



Model	HT75	Machine Size	
Standard Bucket capacity	0.28m³	Overall dimension (L*W*H)	6054mm*2216mm*2672mm
Swing speed	11rpm	Height of cabin	2672mm
Maximum Grade ability	35°	Track length on ground(Axle base)	2209mm
Maximum Bucket digging force	56KN	Track gauge	1745mm
Maximum Arm digging force	38KN	Minimum Ground clearance	375mm
Hydraulic system pressure	27Mpa	Swing radius at tail	1730mm
Machine weight	7500kg	Engine	
Fuel tank	120L	Emission Standard	Tier 3/ Stage III
Hydraulic oil tank	100L	Make /Model	KUBOTA(V2607)
Working Range		Power /Rotation speed	42.4kw(58HP)@2000rpm
Maximum Digging height	7023mm	Number of cylinder	4
Maximum Dumping height	5195mm	Track System	
Maximum Digging depth	3898mm	Maximum Travel speed	2.5/4.5km/h
Maximum Vertical digging depth	2968mm	Width of track shoe	450mm
Maximum Digging radius	6182mm	Number of track shoe per side	39pcs
Minimum swing radius	1740mm	Number of upper roller per side	1
Maximum Lifting height of blade	382mm	Number of bottom roller per side	5
Maximum Cutting depth of blade	332mm		

HT80 Wheel Excavator

Engine: XINCHAI / YANGDONG / YUCHAI / YANMAR

Optional: Rubber Crawler or Steel Track



Model:HT80			
Operating weight	8000 kg	Hydraulic tank capacity	116 L
Bucket capacity	0.3 m ³	fuel capacity	138 L
Transport length	6442 mm	Rotating speed	10 rpm
Transport width	2152 mm	Max. travelling speed	35 km/h
Transport height	2835 mm	Digging force of bucket	41.4 kN
Tail swing radius	2057 mm	Max. drawbar pull	47 kN
Track width	2600 mm	Gradeability	30°
Min. ground clearance	318mm	Bulldozer blade (W×L)	2140/310 mm
Engine power	55/2200 kw/rpm	Movable arm length	3500 mm
Max. engine torque	269/1610 N.m/rpm	Arm length	1800mm
Hydraulic pump (wheel pump ×2)	Shimadzu-SGPIA27F2H9	Max. excavation distance	6563 mm
Certified capacity	27+27 ml/r	Max. Digging depth	4462 mm
Pilot pressure	3 Mpa	Max. Digging height	6680 mm
Working pressure	20 Mpa	Max.dumping height	4876 mm
Rated flow	118.8 L/min	Min. turning radius	2440mm

HT90 Crawler Excavator



Model:HT90			
Standard Bucket capacity	0.4m ³	Overall dimension (L*W*H)	6410mm*2278mm*2630mm
Swing speed	12rpm	Height of cabin	2630mm
Maximum Grade ability	35°	Track length on ground(Axle base)	2209mm
Maximum Bucket digging force	58KN	Track gauge	1750mm
Maximum Arm digging force	40KN	Minimum Ground clearance	375mm
Hydraulic system pressure	27.5Mpa	Swing radius at tail	1813mm
Machine weight	9000kg	Engine	
Fuel tank	110L	Emission Standard	Tier 3/ Stage III
Hydraulic oil tank	100L	Make /Model	CUMMINS/QSF2.8
Working Range		Power /Rotation speed	53kw(72HP)@2200rpm
Maximum Digging height	7050mm	Number of cylinder	4
Maximum Dumping height	5188mm	Track System	
Maximum Digging depth	4015mm	Maximum Travel speed	2.3/4km/h
Maximum Vertical digging depth	3550mm	Width of track shoe	450mm
Maximum Digging radius	6540mm	Number of track shoe per side	39pcs
Minimum swing radius	2140mm	Number of upper roller per side	1
Maximum Lifting height of blade	370mm	Number of bottom roller per side	5
Maximum Cutting depth of blade	344mm		

ACCESSORIES

•One Machine, multi-usage •Quick and easy replacement of accessories



200mm narrow bucket with teeth



600/800/1000mm Plain bucket



600/800/1000/1200mm
Tilt Bucket



Grapple



Grapple



Hydraulic rotary grapple



All-in-one hydraulic thumb clamp



Mechanical thumb clamp



Hydraulic thumb clamp



Sand bucket



Steel track



Rake



Rotary quick hitch joint



Simple quick hitch



Hydraulic rotary quick change



Hydraulic quick hitch



Semi-automatic hydraulic hitch



Log splitter



Ripper



Auger



Break hammer



Grass trimmer



Root topper



Cropper



Fork



Trailer

EXHIBITION

Hightop Group actively participates in various large-scale exhibitions at home and abroad every year in order to showcase our latest products and services, meet the changing needs of our customers and establish closer ties with them.

We can also keep abreast of market trends, communicate and learn from our peers, and expand our business network.



PACKING AND DELIVERY

Before shipping and transportation, each product needs to be carefully packaged and information such as the receiving address checked to ensure that the product reaches its destination safely and smoothly.



Our excavator in Pennsylvania, USA.



Our excavator in Vancouver, Canada.



Our excavator in New York, USA.



Our excavator in Hamburg, Germany.



Our excavator in Britain.

HIGHTOP EXCAVATOR EXPORTED TO THE WORLD

Hightop brand product have been exported to more than 177 counties and regions



Our excavator in Paris, France.



Our excavator in Singapore



Our excavator in Spain.



Our excavator in Moscow, Russia.



Our excavator in Chile.



Our excavator in Rome, Italy.