



Jining HaoHong industrial and mining equipment Co.Ltd.
Shandong Haohong Machinery Manufacturing Co., Ltd.

Mobile: +00 86 15315176603
EMAIL: haohongcnsd@gmail.com

SPECIFICATIONS

Model	Smart Tiger
Engine	
Brand	Yanmar- 3 cylinder
Model	Four-stroke in-line water-cooled diesel engine
Torque	107.7 Nm
Fuel	Diesel
Fuel tank volume	28 L
Injection mode	Direct injection engine
Rated power	28.2Kw (38.3Hp) @2600rpm
Driving method	Hydrostatic fine control
cooling method	Oil-cooled mixing
Cooler self-cleaning (optional)	Automatic control + manual control (optional)
Cold start device	Optional
Allowable Angle of application	60° in any direction
Hydraulic system	
Hydraulic pump	Plunger pump + gear pump(B&P)
Drive motor	High torque motor(Poclain)
Motor	High-speed motor (B&P)
Accessories function independent oil road	Yes
Drive independent oil circuit	Yes
Action independent oil circuit	Yes
Hydraulic oil tank volume	23L-40L
Forearm raise	750Kg
Allowable Angle of application	80° in any direction
Track	
Rubber track (standard)	Rubber track with high teeth (supports 55-degree incline working conditions)
Remote control system	
Distance	>150m
Frequency	433MHz
Battery	Built-in rechargeable lithium battery, 2 batteries each, support the device to charge itself
Proportional joystick	Yes



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Engine start and stop	Remote control
Engine speed	Remote control
Headlight	Remote control
Trumpet	Remote control
Motion control	Remote control

Dimension

Width (+with mower)	1500mm
Long (+with mower)	2900mm
High (+with mower)	1300mm

Weight

Host machine	1250Kg
Mowing function	200Kg
Trenching function	360Kg
Open up wasteland	396Kg
Forklift	200Kg

Performance

Support slope	Satisfy the working condition of slope angle 55° (50° equipment alarm, horn + alarm lamp; 55° automatic equipment stop)	
Infinitely variable speed control(0 -100%)	Working speed	0-4 Km/h Forward/Reverse
	Driving speed	0-9 Km/h Forward/Reverse
Parking braking	Remote control	
Steering	Skid steering, support in-situ steering	
Slope driving correction	Yes	
Cruise control	Yes (one key release)	

Security system

Emergency stop	A key to stop	
Exceed inclination angle	Alarm (horn + warning light), automatic stop	
Headlight	LED	
Signal loss	Automatic stop	
Others	Hydraulic, lubricating oil pressure abnormal, automatic stop	

Function-Mower (Standard)

Standard function	Mower (Y-shaped knife)
Mowing hydraulic flow	84L/min



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Pressure	250bar
Overload pressure cut off	Yes
Rotating speed	3000rpm
Direction of rotation	Positive and negative rotation (bidirectional 0-100% stepless adjustable)
Front and rear protective curtains	Front chain, rear rubber plate
Attachment front cover opening and closing control	Remote control
Cutters	Y-shaped knife, cutter grass and trees up to 30mm in diameter
Length of cutter head	1350mm
Rotation range of cutter head	300mm
Grass height is adjustable (By adjusting the roller position)	30mm-90mm (3 gears) (The height of the grass can be more than 90mm by raising the forearm)
Forearm lift height	-200mm to 500mm
Terrain matching	Yes (Match terrain relief up and down 10°)
Function-Trenching (Optional)	
Drive mode	Hydraulic
Speed control	+/- infinitely variable
Dimensions (L*W*H)	1350*860*840mm
Ditching depth	1000mm
Ditching width	150mm
Rotating speed	400rpm
Number of cutter	32
Function-Open up wasteland (Optional)	
Drive mode	Hydraulic
Speed control	+/- infinitely variable
Dimensions (L*W*H)	1000*1480*1110mm
Structure	High-strength structural steel
Cutting width	1350mm
Cutting diameter	Ø50mm
Rotating speed	3000rpm
Number of cutter	54
Function-Forklift (Optional)	
Fork length	1.2m
Load capacity	500kg



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