星航★STAR

XHD10

MINI ELECTRIC
WHEEL LOADER



XHD10： Exclusive advantages





AXLE

Heavy-duty axle

• The overload-bearing capacity is strong, capable of withstanding the impact load of the entire machine's operation. The bridge body is unlikely to deform.

• Four-wheel drive axle, the front and rear wheels output power synchronously.



CONTROL HANDLE

ADVANCED ELECTRONIC CONTROL SYSTEM

• Operators can precisely control the lifting and rotation of the bucket as well as the speed of the vehicle through joysticks or buttons.

• Improving the accuracy and fficiency of the operation and reducing material leakage and waste.



STEERING WHEEL

ERGONOMIC GRIP

• On the left side of the steering wheel, there is a steering wheel control knob. During operation, the other hand can operate the joystick to achieve steering with one hand.

• Ergonomic steering wheel, with a comfortable grip and durable material.



MINI ELECTRIC WHEEL LOADER

LIQUID CRYSTAL INSTRUMENT PANEL

·This vehicle communicates with the digital dashboard via the CAN bus, and can display real-time and accurate information such as voltage, battery capacity, driving speed and fuel pump rotation speed.

XHD10



FLEXIBLE BODY





WIDE RANGE OF OPERATIONS

▲COMPACT BODY

This compact body design has a width of only 1300mm, making it highly suitable for operations in confined spaces, such as narrow alleys, indoor buildings, feeding areas of livestock farms, and shopping centers. In these places, the electric control is lightweight and sensitive, and it is effortless to repeatedly move and change directions.

▲MOTOR HOUSING

The rear-opening design makes maintenance easy; daily maintenance tasks have become extremely simple. It can be flipped upwards, making inspections and maintenance of these components much easier and more convenient.



▶Liquid crystal instrument panel

• This vehicle communicates with the digital dashboard via the CAN bus, and can display real-time and accurate information such as voltage, battery capacity, driving speed and fuel pump speed.



▶Transmission system

• This framework adopts a lightweight hinged structure and shaft transmission design, featuring powerful power, a small steering angle and turning radius, excellent passage capacity, and flexible operability.



FEATURES AND FUNCTIONS



KEY FEATURES



▶Thickened welding boom, with thick plates, overall bending and welding process, resistant to twisting and bending.

▶Comfortable seats, designed with ergonomics in mind, reduce fatigue caused by prolonged





▶Rear bumper + towing structure: Thickened steel rear bumper, which cushions collisions. A towing hook is reserved in the middle, allowing for the towing of trailers and auxiliary equipment.

▶The large-opening side door structure allows the side guard plate to be fully opened. Maintenance and repair will be more convenient.



SAFETY PROTECTION STRUCTURE

• Thick-walled steel pipe welded frame, high-strength steel structure, capable of withstanding falling object impacts.
• Support rapid disassembly and assembly.





LED LIGHT

Standard equipped with LED headlights, low-temperature resistant and shockproof.



FULL SUSPENSION VEHICLE AXLE

The axle is designed with full suspension reinforcement, which not only ensures riding comfort but also has excellent load-bearing capacity.



ATTACHMENTS



PERFORMANCE MATCHED

The multi-functional tool switching function enables the equipment to be used in various ways, meeting the needs of different operation scenarios. Specific tools such as fixtures and fork-shaped tools can be selected according to the specific work requirements.

Visit the website : www.xinghangmachinery.com



TRENCH FILLER

Optional sizes
- Size (mm): 1445 × 530 × 450
- Filling width (mm): 1100
- Weight (KG): 125



AUGER DRIVE

Optional Sizes
- Drilling diameter (mm): 150 - 600
- Drilling depth (mm): 1000
- Driving torque (N.m): 80

Customizable
- Diameter (mm): 150 × 1000
- Diameter (mm): 200 × 1000
- Diameter (mm): 250 × 1000
- Diameter (mm): 300 × 100



FORK

Optional sizes
- Size (mm): 1090×930×800
- Fork length (mm): 850
- Side shift size (mm): 2×150
- Rated load capacity (kg): 230
- Weight (kg): 105



LAWN MOWER

Optional sizes

- Size (mm): 1200×1230×480
- Mowing width (mm): 1100
- Mowing height (mm): 20 - 100
- Number of blades: 3
- Weight (kg): 185



4 IN 1 BUCKET

Optional sizes

- Size (mm): 1050 × 710 × 510
- Volume (m^3): 0.14 Opening (mm): 500
- Weight (kg): 115



SWEEPER

Optional sizes

- Size(mm): 1445 × 1100 × 580
- Brush diameter (mm): 500
- Cleaning width (mm): 1050
- Left-right swing angle (°): ±25
- Weight (kg): 145



HYDRAULIC BREAKER

Optional sizes

- Size (mm): 1165 × 615 × 265
- Drill Rod Diameter (mm): 45
- Pressure (Mpa): 8 - 12
- Impact Force (J): 80 - 100
- Weight (kg): 135



Excavator

Optional sizes

- Size (mm): 1100 × 670 × 700
- Slope angle (°): ±30
- System pressure (Mpa): 16
- Weight (KG): 90



TRENCHER

Optional sizes

- Size (mm): 1700 × 800 × 760
- Maximum trench depth (mm): 900
- Single trench width (mm): 150/200
- Trench link pitch (mm): 50.8
- Weight (kg): 178

ATTACHMENTS

LOAD LIFTER

Optional Sizes

Size (mm): 1000×870×810

Length of the fork (mm): 850

Fork spacing (mm): 790

Rated load capacity (kg): 230

Weight (kg): 85



APPLICATION SCENARIO



PASTORALISM



CLEARING SNOW



AGRICULTURE



BACKYARD OF HOUSE

DETAILED PARAMETER CONFIGURATION

BASIC PARAMETERS

XHD10 machine performance parameters			
Machine parameters (theoretical parameters)		Machine parameters	
project	parameter	project	parameter
Rated load (KG)	1000	Total length (°)	4450
Rated capacity of bucket (M^3)	0.45	Overall Width	1260/1300
Tipping height (MM)	2300	Total height (MM)	2450
Lifting Height (MM)	3380	wheelbasewheelbase(MM)	1580
Unloading distance (MM)	650	Track width (MM)	1000
Maximum load capacity (KG)	800-1000	Minimum ground clearance (MM)	215
Maximum Rising Power (KG)	1100	Net weight (KG)	2340
Max Climb Capability (°)	18	Number of battery packs	12
Maximum steering angle (°)	29±1	Rated voltage (V)	72
		Battery capacity (per unit)	
drive system		steering system	
project	parameter	project	parameter
Hydraulic system		Types of steering hydraulic systems	Fully hydraulic steering
Motor model	YQP5-72AF-48P	system pressure (Mpa)	16
Voltage (V)	72V	Types of steering pumps	Gear pump
power (W)	5000	Steering cylinder diameter (MM)	φ63-35
displacement (Ml/R)	15	Quantity (PC)	2
Walking system			
Speed (R/Min)	2000	braking system	
Motor model	YQP4-72A1-48P	project	parameter
Voltage (V)	72	Service brakes	Drum brake
tyr		Brake drum (MM)	240
power (W)	4000×2	Parking brake	Drum brake
speed (R/Min)	2988	Bucket oil cylinder diameter (MM)	φ92-45
type	265/75-15.3,29*12.50-15	Lifting cylinder diameter (MM)	φ82-40
working pressure	0.3	Number of lifting cylinders (PC)	2
quantity	4		
Oil capacity			
project	parameter		
Hydraulic oil tank	54		
Brake fluid (L)	0.8		

COMPANY PROFILE

Jining Xinghang Machinery Manufacturing Co., Ltd. is located at No. 3, Ziwizi Road, Yanzhou District, Jining City, one of the six major machinery manufacturing centers in China. It is a pioneering enterprise in the electric compact equipment industry. Relying on two modern production bases and a complete industrial chain system, we focus on converting heavy power into flexible, efficient and environmentally friendly solutions.

Contact Us

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