星航★STAR

XHD04 | MINI WHEEL ELECTRIC LOADER



XHD04： 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.



LIGHT CONTROL SYSTEM

THE BUTTON LAYOUT IS WELL-ORGANIZED.

・The control system of the electric loader is simple.

・It adopts electro-hydraulic or electronic control technology, allowing operators to quickly master the operation skills.



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 WHEEL ELECTRIC LOADER

AXLE

Full suspension vehicle axle

- Riding comfort
- High carrying capacity

XHD04



XHD04： Low noise





▲COMPACT BODY

This electric loader has a relatively small size and a more compact overall body. It can easily navigate through narrow spaces, such as the passageways of small warehouses, the aisles in workshops, and construction sites with limited space; it is flexible to operate and has a small turning radius, enabling it to perform actions like U-turns with ease.

▲QUICK - CHANGE CONNECTOR

The multi-functional tool switching function enables the equipment to be used in various ways, and is suitable for various operation scenarios.



WIDE RANGE OF OPERATIONS

▶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.



▶Structured layout

• The fully openable hood allows for complete opening, revealing all the internal pipes and wiring harnesses clearly. This facilitates the inspection of the electric vehicle, both for routine checks and maintenance, without requiring complex operations.



FEATURES AND FUNCTIONS





▶The multi-functional joystick allows you to move forward or backward with one hand, enhancing your work efficiency.

▶Anti-slip pedal design: The surface of the entire foot pedal has been made with raised and recessed patterns, which makes it less likely to slip even in rainy conditions or when covered with dirt.





▶Adjustable steering column: The steering wheel can be adjusted independently, allowing for comfortable and fatigue-free operation of the machine in a way that conforms to ergonomic principles.

▶Layout design advantage: The two safety switches are centrally arranged beside the seat and can be operated at any time.



COMFORTABLE SEATA

The seat is equipped with seat belts and can be adjusted forward and backward.





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



FLATTING MACHINE

Optional Sizes

- Size (mm): 1080 × 1200 × 310
- Flatting Area (㎡): 1.2 Weight (kg): 65



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



SEALED WAREHOUSE

DETAILED PARAMETER CONFIGURATION

BASIC PARAMETERS

Machine parameters (theoretical parameters)		Machine parameters	
project	parameter	project	parameter
Rated load (KG)	400	Total length (MM)	3280
Rated capacity of bucket (M^3)	0.22	Bucket height (total width) (MM)	1040
Tipping height (MM)	1360	Total height (MM)	2100
Lifting Height (MM)	2200	wheelbasewheelbase (MM)	1350
Unloading distance (MM)	600	Track width (MM)	860
Maximum load capacity (KG)	400/600	Minimum ground clearance (MM)	200
Maximum Rising Power (KG)	550	Net weight (KG)	1150
Max Climb Capability (°)	15	Number of battery packs	5
Maximum steering angle (°)	35±1	Rated voltage (V)	60
drive system		steering system	
Hydraulic system		Types of steering hydraulic systems	Fully hydraulic steering
Motor model	YS155-3-60-S02A	system pressure (Mpa)	16
Voltage (V)	60	Types of steering pumps	Gear pump
power (W)	3000	Steering cylinder diameter (MM)	φ50-25
displacement (Ml/R)	14	quantity (PC)	2
Walking system		braking system	
speed (R/Min)	3000	project	parameter
Motor model	KC2500-60-QS	Service brakes	Drum brake
Voltage (V)	60	Brake drum (MM)	240
tyr		Parking brake	Drum brake
power (W)	2500	Bucket oil cylinder diameter (MM)	φ73-35
speed (R/Min)	3000	Lifting cylinder diameter (MM)	φ60-30
type	23*8.5-12	Number of lifting cylinders (PC)	2
working pressure	0.3	Number of lifting cylinders (PC)	2
quantity	4		
project		parameter	
Hydraulic oil tank (L)		38	
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

WeChat1 WhatsAPP WeChat2

EMAIL： admin@xinghangmachinery.com

www.xinghangmachinery.com

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