

星航★ STAR

Xinghang Product Manuals

**Manufacture Products
of First-Class Quality.**



Jining Xinghang Machinery Manufacturing Co., Ltd.

星航★ STAR

COMPANY PROFILE

Xinghang Machinery: Powering the Green Revolution in Compact Construction

Company Overview

Located at No. 3 Ziwei Road, Yanzhou District, Jining City—one of China's six major engineering machinery hubs—Jining Xinghang Machinery Manufacturing Co., Ltd. stands as a beacon of innovation in the compact equipment industry. With two modern production bases and a complete industrial supply chain at our doorstep, we specialize in transforming heavy-duty power into agile, efficient, and eco-friendly solutions.

Our Philosophy: **Small Size, Big Impact**

We believe that true strength lies not in size, but in capability. While others focus on the giants, we focus on the details. Our mission is to be the world's leading brand in small electric construction machinery. We are committed to replacing roaring diesel engines with silent, zero-emission electric power, making construction sites cleaner, quieter, and safer for operators worldwide.

Product Excellence & Innovation

Our core product line revolves around New Energy Electric Machinery, including:

Electric Mini Loaders: Ultra-narrow design (as slim as 1.06m) with full-time 4WD, perfect for indoor and confined spaces.

Versatile Skid Steer Loaders: Compatible with 20+ attachments for drilling, breaking, and lifting.

Compact Excavators & Road Rollers: Engineered for precision in agriculture, landscaping, and municipal works.

Global Trust & Certifications

Quality is our universal language. We are proud to be recognized as a Top 10 Brand in China's Small Construction Machinery sector and an AAA Credit Enterprise. To meet global standards, our machines are built under ISO 9001 quality management and hold CE Certification and Euro V Emission Compliance.

Customer-Centric Service

Your success is our blueprint. Beyond manufacturing, we provide a comprehensive lifecycle service system:

Expert Consultation: Professional guidance on machine selection and configuration.

After-Sales Support: 24/7 technical assistance and a robust spare parts supply chain.

Reliable Partnership: We don't just sell machines; we build long-term relationships based on trust and performance.

Join the Xinghang Journey

From the farms of Europe to the construction sites of Southeast Asia, Xinghang machines are building the future. We invite you to partner with us and experience the next generation of compact machinery.

Small Machine, Giant Power.

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XING HANG JI XIE

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XHD400/XHDL400

0.4T Mini Electric Wheel Loader

Small loader Series



Product Introduction

1. Mini Electric Loader Features:

- 1: Zero emissions and low noise.
- 2: Compact body design, ideal for operation in confined spaces.
- 3: Constructed from high-strength manganese steel; equipped with a 4kW flat-wire motor and full-time four-wheel drive, delivering powerful performance, high efficiency, and reliability.
- 4: The lifting system utilizes a 3kW flat-wire motor paired with a low-noise gear pump.
- 5: Axles feature a fully suspended, reinforced design, balancing ride comfort with high load-bearing capacity.

2: Flat-Wire Motor Advantages:

- 1: Uses flat copper wire winding technology for a higher slot fill factor, significantly boosting power efficiency.
- 2: Excellent heat dissipation and low temperature rise, effectively preventing motor overheating during high-load operations.
- 3: Compact size and light weight, contributing to the overall lightweight design of the vehicle.
- 4: Low noise levels and reliable performance.
- 5: Long service life and low maintenance costs.

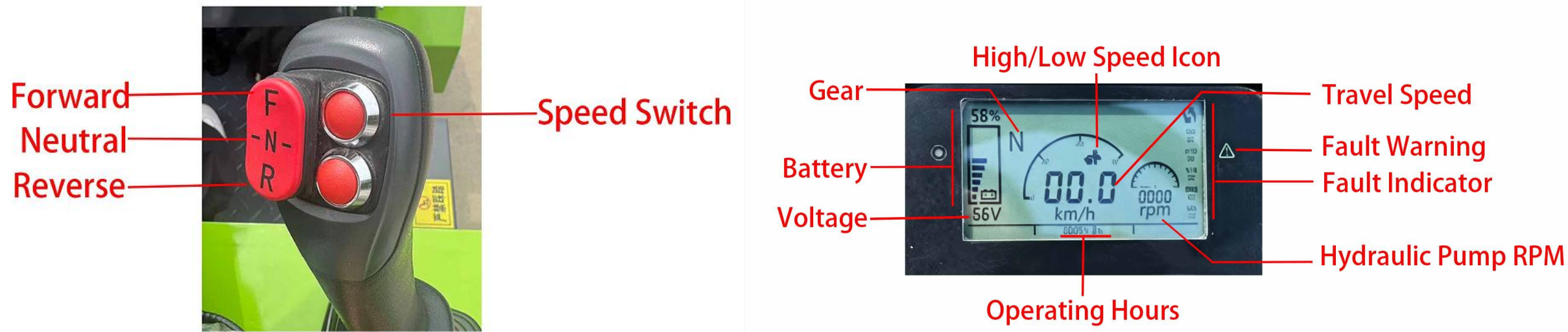
3: The controller features automatic temperature-controlled cooling.

4: Battery options include 64V/180Ah or 64V/150Ah Lithium Iron Phosphate (LiFePO4) batteries, or a 60V/160Ah lead-acid battery.

5: The control handle integrates the electronic control system, combining forward/reverse movement, high/low speed switching, and lifting/bucket operations into one unit; this ensures convenient, intuitive control and significantly enhances work efficiency.

6: LCD Instrument Panel:

- 1: The vehicle employs CAN bus communication with a digital instrument panel, providing real-time, precise displays of voltage, battery level, driving speed, and fuel pump speed.
- 2: Features error operation prompts and fault code functionality.



7: Multi-functional tool switching enables versatile machine usage, catering to diverse operational scenarios. Tooling such as grippers and forks can be selected according to specific work requirements.



Product Parameter

Technical Parameters (Lead-Acid) | Lithium Battery

Name	Technical parameter	Name	Technical parameter
Model	XHD400/XHDL400	Main materials used for the vehicle	Manganese steel
Total weight of the machine	1240kg	Loaded weight	400kg
Lifting height	2600mm	Discharge height	1600mm
Lifting time	7s	Discharge time	3. 5s
Chopper bucket size	1050*680mm	Chopper bucket material	Manganese steel
External dimensions (length * width * height)	3260*1050*2130 (mm)	Wheel base	1450mm
Battery Type	Lead-acid battery/Lithium-ion battery	Battery Parameters	60/160Ah 64V/150Ah or 180Ah
Maximum battery life (continuous operating duration)	5–8 hours	Charging interval	8 hours
Hydraulic motor power	3KW*1	Power of the drive motor	4KW*1
Handle	Electronically controlled integrated system	Turn	Fluid-link steering
Tire Type	23*8. 5–12	Running speed	High speed 0–14. 5KM/h Low speed 0–8KM/h
Appearance	Integrated Liquid Crystal	Driving Method	All-Wheel Drive

XHD400A/XHDL400A
0.4T Mini Electric Wheel Loader

Small loader Series



Name	Technical parameter	Name	Technical parameter	
Model	XHD400A/XHDL400A	Main materials used for the vehicle	Manganese steel	
Total weight of the machine	1240kg	Loaded weight	400kg	
Lifting height	2600mm	Discharge height	1600mm	
Chopper bucket size	1050*680mm	Chopper bucket material	Manganese steel	
External dimensions (length * width * height)	3260*1050*2130(mm)	Wheel base	1450mm	
Battery Type	Lead-Acid Lithium Battery	Battery Parameters	60V/160Ah 64V/150Ah or 64V/180Ah	
Maximum battery life (continuous operating duration)	5–8 hours	Charging interval	8 hours	
Hydraulic motor power	3KW*1	Power of the drive motor	2.5KW*2	
Handle	Electronically controlled integrated system	Turn	Fluid-link steering	
Tire Type	23*8.5-12	Running speed	High speed	0-14.5KM/h
			Low speed	0-8KM/h
Appearance	Integrated Liquid Crystal	Driving Method	All-Wheel Drive	

XHD04/XHDL04
0.4T Mini Electric Wheel Loader

Small loader Series



Machine parameters (theoretical parameters)		Machine parameters	
project	parameter	project	parameter
Rated load (KG)	400	Total length (MM)	3280
Rated capacity of bucket (M³)	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	

XHD04T/XHDL04T
0.4T Mini Telescopic Electric Loader

Small loader Series



XHD04T Electric wheel loader specification				
Performance	Rated Load (kg)		400	
	Bucket rated capacity (m³)		0.22	
	Dumping height (mm)		1750\2450	
	Lifting Height (mm)		2630\3310	
	Dumping Reach (mm)		380\700	
	Max. Lifting weight (kg)		400\200	
	Max. Grade ability (°)		15	
	Max. Turning Angel (°)		35±1	
Dimensions. &.Weight	Overall length (mm)		3460	
	Overall Height (mm)		1040	
	Wheelbase (mm)		1490	
	Tire spacing (mm)		860	
	(mm) Min Ground Clearance		200	
	(kg) Net Weight		1250	
Battery	No.of battery groups		5	
	Rated Voltage (v)		60	
Transmission System	Hydraulic System	Motor No.	YS155-3-60-S02A	
		Voltage (v)	60	
		Power (W)	3000	
		Displacement (ml/r)	14	
	Walking System	Motor No.	KC2500-60-QS	
		Voltage (v)	60	
		Power (W)	2500x2	
		rotating speed (r/min)	3000	
	Tyres	Type	23*8.5-12	
		Working pressure (mpa)	0.3	
		Qty	4	
Steering System	Type of Steering Hydraulic System		Full Hydraulic Steering System	
	System Pressure (mpa)		16	
	Type of Steering Pump		Gear Pump	
	Steering Cylinder Bore (mm)		φ50-25	
	Qty (pc)		2	
Braking System	Service Brake		Drum Brake	
	Parking Brake		Drum Brake	
Oil Capacity	Hydraulic Oil Tank (L)		38	
	(L) Brake Fluid (L)		0.8	

XHD500/XHDL500

0.5T Mini Electric Wheel Loader

Small loader Series



Name	Technical parameter	Name	Technical parameter
Model	XHD500/XHDL500	Main materials used for the vehicle	Manganese steel
Total weight of the machine	1240kg	Loaded weight	500kg
Lifting height	2600mm	Discharge height	1600mm
Lifting time	7s	Discharge time	3. 5s
Chopper bucket size	1050*680mm	Chopper bucket material	Manganese steel
External dimensions (length * width * height)	3260*1050*2130 (mm)	Wheel base	1450mm
Battery Type	Lead-acid battery/Lithium-ion battery	Battery Parameters	60V/160Ah 64V/150Ah or 180Ah
Maximum battery life (continuous operating duration)	5–8 hours	Charging interval	8 hours
Hydraulic motor power	3KW*1	Power of the drive motor	4KW*1
Handle	Electronically controlled integrated system	Turn	Fluid-link steering
Tire Type	23*8. 5–12	Running speed	High speed0–14. 5KM/h
			Low speed0–8KM/h
Appearance	Integrated Liquid Crystal	Driving Method	All-Wheel Drive

XHD500A/XHDL500A

0.5T Mini Electric Wheel Loader

Small loader Series



Name	Technical parameter	Name	Technical parameter	
Model	XHD500A/XHDL500A	Main materials used for the vehicle	Manganese steel	
Total weight of the machine	1240kg	Loaded weight	500kg	
Lifting height	2600mm	Discharge height	1600mm	
Chopper bucket size	1050*680mm	Chopper bucket material	Manganese steel	
External dimensions (length * width * height)	3260*1050*2130(mm)	Wheel base	1450mm	
Battery Type	Lead-Acid Lithium Battery	Battery Parameters	60V/160Ah 64V/150Ah or 64V/180Ah	
Maximum battery life (continuous operating duration)	5—8 hours	Charging interval	8 hours	
Hydraulic motor power	3KW*1	Power of the drive motor	2.5KW*2	
Handle	Electronically controlled integrated system	Turn	Fluid-link steering	
Tire Type	23*8.5-12	Running speed	High speed	0-14.5KM/h
			Low speed	0-8KM/h
Appearance	Integrated Liquid Crystal	Driving Method	All-Wheel Drive	

XHD08/XHDL08

0.8T Mini Electric Wheel Loader

Small loader Series



Performance	Rated Load (T)		0.8
	ucket rated capacity (M³)		0.3M³
	Dumping height (MM)(at 45°)		1780
	Lifting Height (MM)		3140
	Dumping Reach (MM)		980
	Max. Lifting weight (KG)		600
	Max. Excavation Force (KN)		1000
	Max. Grade ability		30°
	Max. Turning Angel		30° ± 1
	Swing degree of the rear axle		7°
Dimensions. &.Weight	Overall length (Bucket on Ground position) (MM)		3840
	Bucket width (overall width)		1160
	Overall Height (MM)		2330
	Wheel base (MM)		850
	Min Ground Clearance (MM)		240
	Net Weight (KG)		1980kg
	Turning Radius		2610mm
Battery	Battery Model No.		6-EVF-203A
	rated capacity (3HR)		200Ah
	No.of battery groups		12
	Rated Voltage		72V
	Working hours (H)		4-5h
Transmission System	Hydraulic System	Motor No.	CBHV-72AF-49P
		Voltage	72V
		Power	5000W
		Displacement (MI/R)	18
	Tyres	Type	26*1200-12
		working pressure (Mpa)	0.3
		Number of tires	4
Steering System	Type of Steering Hydraulic System	Full Hydraulic Steering System	
	System Pressure (Mpa)	16	
	Type of Steering Pump	External Gear Pump	
	Steering Cylinder Bore (MM)	63	
	Qty (PC)	1	
Braking System	Service Brake		Drum Brake
	Brake Drum (MM)		250
	Parking Brake		Drum Brake
Oil Capacity	Distribution Valve	Model	DL10
		Type	Triple valve stem
	Dumping Cylinder-Bore		Ø80
	Lifting Cylinder-Bore		Ø63
	Hydraulic Oil Tank (L)		30
	Brake Fluid (L)		0.8

Small loader Series

XHD08T/XHDL08T
0.8T Mini Telescopic Electric Loader



Performance	Rated Load (T)		0.8
	ucket rated capacity (M³)		0.3M³
	Dumping height (MM)(at 45°)		1780
	Lifting Height (MM)		3140
	Dumping Reach (MM)		980
	Max. Lifting weight (KG)		600
	Max. Excavation Force (KN)		1000
	Max. Grade ability		30°
	Max. Turning Angel		30° ± 1
	Swing degree of the rear axle		7°
Dimensions. &.Weight	Overall length (Bucket on Ground position) (MM)		3840
	Bucket width (overall width)		1160
	Overall Height (MM)		2330
	Wheel base (MM)		850
	Min Ground Clearance (MM)		240
	Net Weight (KG)		1980kg
	Turning Radius		2610mm
Battery	Battery Model No.		6-EVF-203A
	rated capacity (3HR)		200Ah
	No.of battery groups		12
	Rated Voltage		72V
	Working hours (H)		4-5h
Transmission System	Hydraulic System	Motor No.	CBHV-72AF-49P
		Voltage	72V
		Power	5000W
		Displacement (ML/R)	18
	Tyres	Type	26*1200-12
		working pressure (Mpa)	0.3
		Number of tires	4
Steering System	Type of Steering Hydraulic System	Full Hydraulic Steering System	
	System Pressure (Mpa)	16	
	Type of Steering Pump	External Gear Pump	
	Steering Cylinder Bore (MM)	63	
	Qty (PC)	1	
Braking System	Service Brake		Drum Brake
	Brake Drum (MM)		250
	Parking Brake		Drum Brake
Oil Capacity	Distribution Valve	Model	DL10
		Type	Triple valve stem
	Dumping Cylinder-Bore		Ø80
	Lifting Cylinder-Bore		Ø63
	Hydraulic Oil Tank (L)		30
	Brake Fluid (L)		0.8

XHD10/XHDL10
1T Mini Electric Wheel Loader

Small loader Series



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 (M³)	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 (MI/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		

XHD10T/XHDL10T
1T Mini Telescopic Electric Loader



Small loader Series

XHD10T/XHDL10T Electric wheel loader specification			
Performance	Rated Load (T)		1
	Bucket rated capacity (m³)		0.45
	Dumping height (MM)		2450/3150
	Lifting Height (MM)		3680/4350
	Dumping Reach (MM)		800/1200
	Max. Lifting weight (KG)		1000/500
	Max. Excavation Force (KG)		1100/600
	Max. Grade ability (°)		18
	Max. Turning Angel (°)		29± 1
Dimensions. &.Weight	Overall length (MM)		4580
	Overall width (MM)		1260/1300
	Overall Height (MM)		2450
	Wheelbase (MM)		1580
	Tire spacing (MM)		1000
	Min Ground Clearance (MM)		215
	Net Weight (KG)		2840
Battery	No.of battery groups		12
	Rated Voltage (V)		72
Transmission System	Hydraulic System	Motor No.	YQP5-72AF-48P
		Voltage (V)	72
		Power (W)	5000
		Displacement (Ml/R)	15
		rotating speed (R/Min)	2000
	Walking System	Motor No.	YQP4-72A1-48P
		Voltage (V)	72
		Power (W)	4000x2
		rotating speed (R/Min)	2988
	Tyres	Type	29*12.50-15
		Working pressure (Mpa)	0.3
Steering System	Qty		4
	Type of Steering Hydraulic System		Full Hydraulic Steering System
	System Pressure (Mpa)		16
	Type of Steering Pump		Gear Pump
	Steering Cylinder Bore (MM)		Φ63-35
Braking System	Qty (PC)		2
	Service Brake		Drum Brake
	Brake Drum (MM)		240
	Parking Brake		Drum Brake
	Dumping Cylinder-Bore (MM)		Φ100-50
	Lifting Cylinder-Bore (MM)		Ø105-60
Oil Capacity	Lifting Cylinder Qty (PC)		1
	Hydraulic Oil Tank (L)		54
	Brake Fluid (L)		0.8

XHD15/XHDL15

1.5T Mini Electric Wheel Loader

Small loader Series



Electric Loader Model XHD15/XHDL15 Overall System Performance Parameters, Single-speed Gearbox			
Overall System Specifications (Theoretical Value)		Overall System Specifications	
Descriptions	Parameters	Descriptions	Parameters
Minimum Turning Radius, mm	4,500	Body Length, mm	5,240
Theoretical Climbing Angle, degree	15	Machine Width, mm	1,850
High Gear Speed, Km/H	12	Machine Height, mm	2,600
Maximum Bucket Unloading Height, mm	2700-3000	Minimum Ground Clearance, mm	255
No-load Lifting Time, second	≤4.8	Wheel Track, mm	1,500
No-load Fall Time, second	≤3.1	Rated Load Capacity, kg	1,500
Unloading Time under No-load Condition, second	≤1.2	Total Weight of the Machine, kg	3,700
Sum of the Three Terms	≤9.1	Bucket Length, mm	1, 800
Axle Base, mm	2,280	Bucket Depth, mm	490
Discharge Distance, mm	740	Bucket Height, mm	785
Discharge Angle, degree	32.5	Bucket Capacity, m³	0.8
Operating Parameters		Transmission System Parameters	
Descriptions	Parameters	Descriptions	Parameters
Travel Motor	153.6V/20kw	Transmission Type	DE20, Single-speed
Working Motor	153.6V/12kw	Gear Shift	Forward 1, Reverse 1
Walking Controller	350A	Braking System Type	Hydraulic Braking
Working Controller	350A	Axle	Electric Vehicle-specific
12V Converter	500W		Small Wheel Axle
Gear Pump Displacement	32ml/round	Tire Model	23.5/70-16
		Charger	153.6A, Optional
Steering System		Battery Capacity & Hydraulic Capacity	
Descriptions	Parameters	Descriptions	Parameters
Steering Method	Fully Hydraulic Steering	Battery	153.6V300AH-45kw/h
Steering Angle, degree	30±1	Theoretical Volume of Hydraulic Oil, litre	68.5
System Operating Pressure, MPa	16	Gear Oil Added to Single Wheel Axle, litre	14
		Transmission Gear Oil, litre	24

XHD20/XHDL20

2T Mini Electric Wheel Loader

Small loader Series



Machine parameters (theoretical values)		Machine parameters	
project	parameter	project	parameter
Minimum turning radius (MM)	5000	Body length (MM)	6000
Theoretical climbing angle (°)	15	Body width (MM)	2080
Maximum driving speed (KM)	32	Vehicle height (MM)	2890
Minimum driving speed (KM)	8	Minimum ground clearance (MM)	350
Bucket maximum unloading height (MM)	3550	Wheelbase (MM)	1650
No-load lifting time (S)	≤5.3	Rated load mass (KG)	2200
No-load fall time (S)	≤3.5	Machine weight (KG)	6500
No-load unloading time (S)	≤1.2	Bucket length, depth and height (MM)	2000.458.860
Three items and (S)	≤9.9	Bucket capacity (M³)	1.2
Wheelbase (MM)	2380		
Unloading distance (MM)	800		
Discharge angle (°)	35.1		

Working parameters		Transmission system parameters	
project	parameter	project	parameter
Travel motor:	35 kilowatts	Transmission type	DE20 high and low speed
Working motor (dual motor)	25 KW X2	gear shift	2 in front and 2 in back
Walking controller	450A	Braking form	hydraulic brake
Work Controller	350AX2	axle	Electric special large wheel rim
Single cylinder 12v converter	500A	Tire model	16/70-20
Gear pump flow	32mL*2	Front and rear wheel air pressure (Mpa)	0.33, 0.3
Hydraulic oil radiator	have	Charger:	153.6A
		Charging speed: starting from 20% to 100%	1 hour and 50 minutes

Steering system		Battery capacity and hydraulic capacity	
project	parameter	project	parameter
Type	Full hydraulic steering	Battery	153.6V/460AH/70kW
Steering angle (°)	30±1	Theoretical volume of hydraulic oil (L)	68.5
System working pressure (MPa)	16	Single bridge (L)	14
		Transmission gear oil (L)	twenty four

Small loader Series

XHD25T/XHDL25T

2.5T Mini Telescopic Electric Loader



XHD25T/XHDL25T telescopic loader performance parameter comparison			
Parameters of the whole machine		Parameters of the whole machine	
project	parameter	project	parameter
最小转弯半径（mm）	5600	Body length（MM）	5800
理论爬坡角度（°）	15	Body width（MM）	2100
最大行驶速度（mm）	30	Vehicle height（MM）	2850
最小行驶速度（mm）	8	Minimum ground clearance（MM）	350
Arm unloading height（MM）	2800	tread（MM）	1685
Reach arm unloading height（MM）	3800	The weight of the whole machine（KG）	5900
The maximum load mass of the retracted arm（KG）	2200	The bucket is long, deep and high（MM）	2000/580/1000
Maximum load mass of outrigger（KG）	1000	Bucket capacity（m³）	1.3
轴距（mm）	2600		
卸料距离（mm）	1150		
卸料角度（°）	33.5		

Work parameters		Rotate the system parameters	
Walk motor	35KW	version	DE20 high and low speed
Working motor（dual motor）	25KW*2	Shifting gears	The first 2 and the last 2
Walking Controller	450A	Brake form	Hydraulic braking
Work controller	350AX2	Axles	Electric dedicated large wheel hub
12V converter	500A	Tire model	16/70-20
Gear pump flow rate	32mL*2	Front wheel pressure（Map）	0.33
Hydraulic Oil Cooler	YES	Rear wheel pressure（Map）	0.3
		Battery charger	153.6V\100A
		Charging speed: From 20% to 100%	4 hours and 50 minutes

Steeringsystem		Batterycapacityandhydrauliccapacity	
project	parameter	project	parameter
version	Fully hydraulic steering	Battery	153.6V/460AH/70 kilowatts
Steering angle（°）（Mpa）	30±1	Theoretical volume of hydraulic oil（L）	68.5
System operating pressure	16	Bridge single（L）	14
		Transmission gear oil（L）	24