

TFT



XH SERIES

HIGH-VOLTAGE TELEHANDLER

with capacity of 2,500 to 3,500kg



ISO9001:2015



ISO14001:2015



ISO45001:2018



XH SERIES HIGH-VOLTAGE TELEHANDLER

Family-Design exterior, ergonomic cab, intuitive HMI system and premium driving comfort experience.

HIGH-PERFORMANCE MACHINES IN ANY SITUATION



With permanent magnet synchronous motor (IPMSM) technology, can reach top speed: 25 km/h, maximum grade ability: 45%, and industry-leading performance in its class.

 **25 km/h** |  **45%**
Drive speed (no load) | Gradeability

THREE STEERING MODES:



TWO DRIVING MODES:

2WD
TWO-WHEEL DRIVE

4WD
FOUR-WHEEL DRIVE

The machine is equipped with quick change device, which can realize the quick replacement of different attachments. This enables various operations including fork loading, shovel loading, clamping, aerial work, etc.

The first compact telehandler with 310V high-voltage lithium battery in industry, high voltage DC fast-charging technology. Make a charge from 30% to 80% only in 30 minutes.

310V
HIGH-VOLTAGE

Convenient charging solutions, two charging methods: DC fast charging port and 10kW built in charger.



COMFORT

Driver assistance system and easy control

- 1 The cab can be equipped with air conditioning, radio, and USB charging port as option.
- 2 Adjustable suspension seat can provide more ergonomic.
- 3 Full proportional joystick, smooth and coordinated movements, smooth and steady on start and stop, boom luffing and telescoping support multi movements.
- 4 7 inch display, real time machine status monitoring, integrated intelligent fault diagnosis system.



SAFETY

- Lithium iron phosphate battery pack - high safety & proven reliability.
- The lighting system is excellent. Besides the high and low beam headlights, LED high brightness working lights are also provided in the cab front and rear and the boom respectively, ensuring operation in night scenarios.
- Equipped with overload monitoring system. It can conduct real time dynamic monitoring to prevent overturning and overloading, and timely restrict actions to avoid accidents.

MAINTENANCE

- The machine is equipped with a maintenance arm to prevent the risk of accidental fall of the arm frame during maintenance.
- Wide angle tilting cover ensures easy maintenance access.



Features

Truck	Standard	Options
A record or eor		○
Header herald		○
Shabor of alarm beacon		○
Pager size near view mirror to operator		○
Rear camera + Monitor	●	○
Curve detachment sensor rage	●	
Load indicator	●	
Adjustable suspension seat	●	
Tilt adjustable steering column	●	
Front differential	●	
Load moment limiter (Outrigger monitoring device)	●	
Left and right rear view	●	
Fofa	●	
Key, one sat	●	
Wide-angle clink hesy environment	●	
Panoramic cockpit (cabonara)	●	
Preper of door with safety easy function	●	
Rear wider and washer	●	
Right and live beam headlights	●	
Front and rear work lights	●	
Warning light	●	
Mounting hook	●	
Multi-functional joystick + amrest		○
Fca extinguisher		○
Float fender		○
Quick change heavy duty Multi-Purpose Bucket		○
Quick change pallet's coupling		○
Quick chenge carton clamp		○
Forklift arm		○
Steering		
Three steering modes	●	
Adjustable steering column	●	
Hydraulic		
Hydraulic oil col cooler	●	
Electronic proportional main valve	●	
Self-leveling front axle/oole on tilt cylinder	●	
Lift, Boom, Tnfenszver-contrlocking valve	●	
Leveling boom espritentenance arm	●	
Hydraulic fan motor	●	
Hydraulic oil filter	●	
Power		
ECoerunup-s saving low tier function	●	
Three gear	●	
Transmission		
Wet brake	●	
Front drive, direct axle	●	
Hydraulic power steering	●	
Control		
Vehicle motion faster control handle	●	
Emergency stop button	●	
Parking brake	●	
Safety		
Warning alarm light	●	
Reversle alarm	●	
Reverse camera		○
Reversing radar		○
Accept various attachments		
Fork, Mnaruo/Pallet/other far		○
Fork, Manure/Doth-a-Platform		○
Bucket		○
Truss boom		○

Electronics	Standard	Options
On-board charger	●	
DC to DC charging port	●	
Fruit self-diagnosis system	●	
7-inch color multi-function display screen	●	
Water temperature display	●	
Warning light for not flattening the seatbelt	●	
Electric control system	●	
Heater	●	
Heating grill	●	
RCD	●	
USB charge port	●	





Technical data

Performance	Manufacturer			
	Model		100C-6-E	100C-10-E
	Max. lift capacity		kg	3500
	Lift capacity at maximum height		kg	2500
	Lift capacity at maximum reach		kg	615
	Max. lifting height		mm	6800
	Max. forward reach		mm	3978
	Load center distance		mm	500
Size	A	Overall length	mm	6600
	B	Overall width	mm	2300
	C	Overall height	mm	2480
	D	Wheelbase	mm	2870
	E	Overhang front	mm	1320
	F	Overhang rear	mm	1430
	G	Ground clearance	mm	460
	H	Track width	mm	1570
	I	Tilt angle of carriage forward	°	12
	J	Tilt angle of carriage backward	°	114
	K	Tire size	-	17.5-25
Weight	Total weight		kg	6700
	Axle-type		-	Wet disc brake
	Brake type		-	Hydraulic oil brake
	Max. travel speed (unladen)		-	35
	Drawbar pull (loaded)		-	875
	Gradeability (loaded)		-	≥30%
	Rated working voltage		V	80
Drive transmission	Minimum turning radius		m	4.1
	Minimum intersectioning visual		m	3
	Maximum outer turning radius		m	5
	Minimum ground clearance		m	4.3
	The maximum drawbar pull		kN	45
	The drive motor power		kW	60
	The oil pump motor rated power		kW	27
	Max. flow rate of working hydraulic oil		l/min	90
	Max. pressure of working hydraulic		MPa	20
	Max. tractive pull		kN	30000
	Drive motor power		kW	32
Others	Pump motor power		kW	20
	System voltage		V	80
	Battery capacity		Ah	155
Chassis	Charger		kW	80
	Charger output voltage/current		V/A	80/200
	Other acceleration type voltage		kW	30

