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ISO45001:2018



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform to the European Safety Requirements.

# XH SERIES

HIGH-VOLTAGE TELEHANDLER

with capacity of 2,500 to 3,500kg

# XH SERIES HIGH-VOLTAGE TELEHANDLER

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

## HIGH-PERFORMANCE MACHINES IN ANY SITUATION



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

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

### THREE STEERING MODES:

4-Wheel Crab Steer



2-Wheel Front Steer



4-Wheel Circle Steer



### 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.

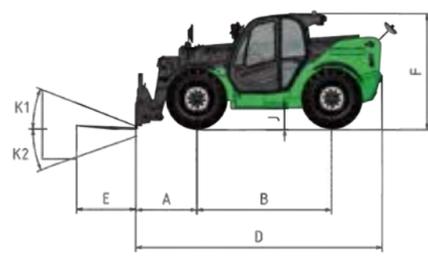
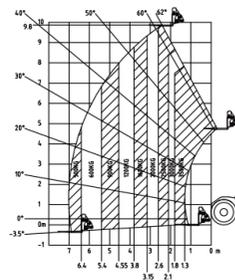
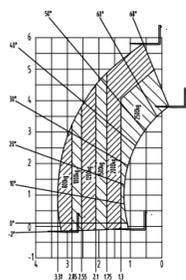
# MAINTENANCE

- 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.



## Technical data

		HANGCHA GROUP CO.,LTD.		
Lifting capacity	Manufacturer			
	Model	T25-60XHYG	T35-100XHYG	
	Max.lift capacity	kg	2500	
	Lift capacity at maximum height	kg	2000	
	Lift capacity at maximum reach	kg	800	
	Max. lifting height	mm	5800	
	Max. forward reach	mm	3310	
	Load centre distance	mm	500	
	Dimensions and Weight	A Front overhang	mm	1000
		B Wheelbase	mm	2300
C Tread		mm	1500	
D Overall length		mm	3950	
E Fork length		mm	1070	
F Overall height		mm	2020	
G Overall width		mm	1820	
H Cabin width		mm	810	
J Min. Ground clearance		mm	240	
K1 Tilt-up angle		°	12	
K2 Tilt-down angle		°	116	
L Min. turning radius		mm	3300	
Weight		kg	5500	
Wheels		Tyre type	Vacuum tire	
	Tyre size	12-16.5-14PR /2	400/80-24	
	Drive wheel x Steering wheel	4x4	4x4	
	Frame leveling Angle	°	9	
	Boom lower/raise angle	°	-2/68	
	Boom raising time (no load)	s	11	
	Boom lowering time (no load)	s	8	
	Extension time (no load)	s	9	
	Retract time (no load)	s	9	
	Fork backward time (no load)	s	4.5	
Fork forward time (no load)	s	4.5		
Frame leveling time (side to side)	s	/		
Max. travel speed (no load)	km/h	25		
Max. Drawbar pull	N	35000		
Gradeability	%	45		
Motor parameters	Drive motor power	kW	30	
	Pump motor power	kW	35	
Power parameters	System voltage	V	310	
	Battery capacity	Ah	150	
	Power	kWh	46	
	Charger output power 1P220V	kW	3	
	Charger output power 3P380V	kW	10	



## Features

Truck	Standard	Options
Air conditioner		○
Reverse or travel radar sensor		○
Rotating Amber beacon		○
Fire extinguisher in cabin or at rear		○
Full time rear camera		○
Quick exchange fork carriage	●	
Load backrest	●	
Adjustable suspension seat	●	
Flame retardant leather seats	●	
Traction device	●	
Load moment limiter Overload monitoring devise	●	
Left operable window	●	
Horn	●	
Key switch	●	
Wide angle L/R rearview mirrors	●	
Panoramic reversing mirror	●	
Front wiper with water spray function	●	
Rear window wiper	●	
High and low beam headlights	●	
Front and rear work lights	●	
Working light	●	
Reverse light	●	
Windshield protective frame		○
Fire Extinguisher		○
Foam filled tire		○
Quick change heavy Duty Multi-Purpose Bucket		○
Quick change soft bale clamp		○
Quick change crane arm		○
Forklift arm		○
<b>Steering</b>		
Three steering modes	●	
Adjustable steering column	●	
<b>Hydraulic</b>		
Hydraulic quick coupler	●	
Tilt cylinder self-locking valve	●	
Self locking valve for telescopic oil cylinder	●	
Lifting cylinder self-locking valve	●	
Lifting cylinder maintenance arm	●	
Hydraulic Oil Filter	●	
Hydraulic oil air filter	●	
Hydraulic oil dipstick	●	
<b>Power</b>		
2WD and 4WD switch function	●	
Three gears	●	
<b>Transmission</b>		
Wet brake	●	
Limited slip differential	●	
Hydraulic power steering	●	
<b>Control</b>		
Dual axis proportional control handle	●	
Emergency stop switch	●	
Parking brake	●	
<b>Safety</b>		
Warning light	●	
Reverse alarm	●	
Reverse camera		○
Reverse radar		○
<b>Accept various attachments</b>		
Fork-Mounted Extendable Truss		○
Fork-Mounted working platform		○
Bucket		○
Truss boom		○

Electronics	Standard	Options
Build-in charger	●	
DC fast charging port	●	
Fault self diagnosis function	●	
7-inch color multifunctional display screen	●	
Motor temperature display	●	
Warning lamp for not fastening the seat belt	●	
Water cooling system	●	
Heater	●	
Reading light	●	
Radio	●	
USB charge port	●	

