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ISO45001:2018



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

# X SERIES

DIESEL TELEHANDLER

With capacity of 4,000kg

# X SERIES

## DIESEL TELEHANDLER

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



## HIGH-PERFORMANCE MACHINES IN ANY SITUATION

THREE STEERING MODES:



# 4WD

**FOUR-WHEEL DRIVE**



With efficient operation performance, the maximum speed is 35 km/h, the maximum climbing ability is 40%, and the lifting height is industry-leading in the same category.

 **35 km/h** |  **40%**  
Drive speed (no load)      Gradeability



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.

Key components are sourced from internationally renowned brands. Structural components are rigorously verified through both CAE analysis and actual measurements, ensuring high reliability.

# COMFORT

01

Adjustable suspension seat can provide more ergonomic.

02

Full-proportional joystick, smooth and coordinated movements, smooth and steady on start and stop, boom luffing and telescoping support multi-movements.

03

7 inch display, real-time machine status monitoring, integrated intelligent fault diagnosis system.

04

The cab can be equipped with air conditioning, radio, and USB charging port as option.

# MAINTENANCE

- A maintenance arm is provided on the vehicle to prevent the boom from accidentally falling during maintenance.
- Wide-angle tilting cover ensures easy maintenance access.

# SAFETY

- 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.



# Technical data

		HANGCHA GROUP CO.,LTD.		
Lifting capacity	Manufacturer			
	Model	T40-180XH16D	T40-180XW70D	
	Max.lift capacity	kg	4000	
	Lift capacity at maximum height	kg	2500	
	Lift capacity at maximum reach	kg	850	
	Max. lifting height	mm	17700	
	Max. forward reach	mm	13020	
Dimensions and Weight	Load centre distance	mm	500	
	A Front overhang	mm	1990	
	B Wheelbase	mm	3450	
	C Tread	mm	2050	
	D Overall length	mm	6630	
	E Fork dimension	mm	1200*122*50	
	F Overall height	mm	2500	
	G Overall width	mm	2450	
	H Cabin width	mm	940	
	J Min. Ground clearance	mm	400	
	K1 Tilt-up angle	°	12	
	K2 Tilt-down angle	°	114	
	L Min. turning radius	mm	4100	
	Wheels	weight	kg	13700
Tyre type			Vacuum tire	
Tyre size			400/75-28	
Drive wheel x Steering wheel			4x4	
Performance parameters		Frame leveling Angle	°	10
		Boom lower/raise angle	°	-4/72
		Boom raising time (no load)	s	17
		Boom lowering time (no load)	s	15
		Extension time (no load)	s	20
		Retract time (no load)	s	16
	Fork backward time (no load)	s	6	
	Fork forward time (no load)	s	6	
	Max. travel speed (no load)	km/h	35	
	Max. Drawbar pull	N	80000	
Power	Gradeability	%	40	
	Engine model		Cummins F3.8	
	Engine Power	kW/r/min	90/2200	
	Engine Torque	N/r/min	500/1500	
	System voltage	V	24	
	Battery	V/CCA	2x12V/600CCA	
	Fuel tank capacity	L	160	
Hydraulic tank capacity	L	190		

# Features

Truck	Standard	Options
Air conditioner		○
Quick exchange fork carriage	●	
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 crane arm		○
Forklift arm		○
400/75-28 Penumatic tire	●	
Fordward 4 gears/Reverse 3 gears	●	
Dual axis stabilizer	●	
Horizontal leveling system of the chassis	●	
Action buzzer	●	
Fuel filter	●	
Load backrest	●	
Quick change soft bag clip		○
Boom angle indicator		○
<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	●	
High efficient and adjustable flow hydraulic pump	●	
<b>Power</b>		
2WD and 4WD switch function	●	
<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>Electronics</b>		
Fault self diagnosis function	●	
7-inch color multifunctional display screen	●	
Warning lamp for not fastening the seat belt	●	
Heater	●	
Reading light	●	
Radio	●	
<b>Safety</b>		
Warning light	●	
Reverse alarm	●	
Reverse camera		○
Reverse radar		○

