



WPX

TRACKLESS FLAT CAR

LOAD CAPACITY: 3T-100T

WPX Specification

(● Standard configuration ○ Optional × NON)

Parameters List										Optional Functions					
Item NO.	Configuration	Load capacity (T)	Standard configuration functions	Load table dim. (mm)	Motor power (kW)	Max speed (km/h)	Climb ability	Battery	Tire	Wireless remote control	Hydraulic lifting device	Touch - sensitive anti - collision devices	Front/rear induction type security protection	LiDAR sensor	Steering speed joystick control and automatic direction correction
WPX-3	Standard configuration	3	1.Four-Corner emergency buttons 2.Indicator light 3.Safety fence 4.Wireless remote + 1 wire Handle remote + control buttons 5.Tow device 6.Reverse half speed safety function 7.Direction-switching function 8.Power stop brake 9.7-Inch LED color multi-function digital display 10.Permanent magnet synchronous brushless full hydraulic steering 11.Operation buttons	L 2500 × W 1500	4.5	≥30	6% × 15	Lead acid	6.00-9 Solid tire	○	○	○	○	○	○
	High end				5		10% × 15	Lithium		○	○	○	○	○	○
WPX-5	Standard configuration	5		L 3000 × W 1500	5	≥30	6% × 15	Lead acid	6.00-9 Solid tire	○	○	○	○	○	○
	High end				6.4		10% × 15	Lithium		○	○	○	○	○	○
WPX-10	Standard configuration	10		L 3500 × W 1800	6.4	≥30	6% × 15	Lead acid	φ 559 Solid fitted tire	○	○	○	○	○	○
	High end				8.6		10% × 15	Lithium		○	○	○	○	○	○
WPX-15	Standard configuration	15		L 3500 × W 2000	8.6	≥30	6% × 15	Lead acid	φ 559 Solid fitted tire	○	○	○	○	○	○
	High end				11.6		10% × 15	Lithium		○	○	○	○	○	○
WPX-20	Standard configuration	20		L 4000 × W 2200	11.6	≥30	6% × 15	Lead acid	φ 559 Solid fitted tire	○	○	○	○	○	○
	High end				14.5		10% × 15	Lithium		○	○	○	○	○	○
WPX-25	Standard configuration	25		L 4500 × W 2200	14.5	≥30	6% × 15	Lead acid	φ 559 Solid fitted tire	○	○	○	○	○	○
	High end				16.1		10% × 15	Lithium		○	○	○	○	○	○
WPX-30	Standard configuration	30		L 4500 × W 2400	16.1	≥30	6% × 15	Lead acid	Solid fitted tire	○	○	○	○	○	○
	High end				20.6		10% × 15	Lithium		○	○	○	○	○	○
WPX-40	Standard configuration	40		L 5000 × W 2500	20.6	≥30	6% × 15	Lead acid	φ 711 Polyurethane solid tire	○	○	○	○	○	○
	High end				25.6		10% × 15	Lithium		○	○	○	○	○	○
WPX-50	Standard configuration	50		L 5500 × W 2500	25.6	≥30	6% × 15	Lead acid	φ 711 Polyurethane solid tire	○	○	○	○	○	○
	High end				30.6		10% × 15	Lithium		○	○	○	○	○	○
WPX-60	Standard configuration	60		L 6000 × W 2500	16.1 × 2	≥30	6% × 15	Lead acid	φ 600 Polyurethane solid tire	○	○	○	○	○	○
	High end				20.6 × 2		10% × 15	Lithium		○	○	○	○	○	○
WPX-80	Standard configuration	80		L 6500 × W 2500	20.6 × 2	≥30	5% × 15	Lead acid	φ 600 Polyurethane solid tire	○	○	○	○	○	○
	High end				25.6 × 2		8% × 15	Lithium		○	○	○	○	○	○
WPX-100	Standard configuration	100		L 7000 × W 3000	25.6 × 2	≥25	5% × 15	Lead acid	φ 600 Polyurethane solid tire	○	○	○	○	○	○
	High end				30.6 × 2		8% × 15	Lithium		○	○	○	○	○	○

OUR STRENGTHS

Ease of Operation

1. Flashing LED lights for travel and steering, intermittent audible alarm, and horn warning when starting.
2. New large-screen LED instrument panel with remote fault diagnosis function, making it convenient to monitor vehicle status information such as speed and battery level.
3. Dual-joystick wireless remote control allows for speed and steering adjustments during operation.
4. Direction-switching function enables forward/reverse changes without traditional reverse operation, making control easier.

High Efficiency & Energy Saving

1. AC motors are maintenance-free, reducing the cost of replacing brushes and other maintenance expenses. The AC drive system features high efficiency, comprehensive protection functions, and built-in speed and temperature sensors, greatly enhancing reliability and service life.
2. Regenerative braking system charges the battery during braking, extending driving range, with automatic parking brake function.
3. All safety protection switches are equipped with test buttons, allowing fault detection without additional testing tools.

Safety & Reliability

1. Equipped with main power switch, key switch, emergency stop switch, and other electrical safety switches.
2. Chassis developed based on construction machinery, offering strong load capacity and robust structure.
3. High-frequency MOSFET integrated controller ensures smooth and precise travel control with excellent speed regulation performance, and features regenerative braking, reverse braking, and anti-rollback on slopes.

Full Protection

1. Automatic alarm for low electrolyte level in lead-acid batteries; high cycle life for lithium batteries with remote information diagnostics.
2. Automatic maintenance reminders for the whole vehicle and its components.
3. Provides vehicle information data for digital factories.



HANGZHOU HENSEN TECHNOLOGY CO., LTD.



ADD | NO.158 GANXIAO ROAD, QINGSHAN TECH. CITY, HANGZHOU, CHINA.

ZIP | 311307

TEL | +86 13735523900 \ +86 15336592703

WEB | www.hsrobot.com

E-mail | info@hsrobot.com