

Slim Yet Powerful

WeFront X20S

- ⊙ Light-weight and low requirements for ground bearing capacity; supporting cross-floor handling; stable operation
- ⊙ Applicable to extremely narrow passages, increasing space utilization in factories
- ⊙ Modular design, allowing for super fast and flexible deployment

Compatible with Multi-spec Pallets

2-Way / 4-Way / POD Pallets



Limited Space, Unlimited Wisdom



Laser SLAM Navigation

No need to renovate the on-site environment



Applicable to Multiple Scenarios

Suitable for ground handling, high-floor handling, cross-floor handling by elevator, etc.



Five Layers of Safety Protection

- Sound & light warning
- Front obstacle avoidance/rear 3D visual obstacle avoidance
- 3D visual stereo obstacle avoidance
- Emergency stop button
- Control system protection: path deviation, positioning fault, component fault, communication fault



Technical Specifications

Navigation	Navigation	Laser
Radar	Radar Height	1940/2140/2340mm
Communication	Control Mode	Manual/Auto
	Communication	Wi-Fi
Basic Specifications	Driving Speed	1.3m/s
	Stop Angle Accuracy	±10mm/±1°
	Rated Load Capacity	2000kg
	Cross-Groove Capability	≤30mm
	Fork Lowest Height	105~112mm
	Fork Dimensions l/e/s	1150x173x75mm
	Fork Outer Spacing	620mm
	Lifting Height	205±5mm
	Turning Radius	1585mm
	Weight	460kg
Power Supply	Dimensions L×W×H	1836x805x(1940/2140/2340)mm
	Charging Mode	Auto
Peripheral	Battery	Lithium iron phosphate 48V/40AH
	HMI	Standard
Visual Function	Pallet Pose Identification	Standard

The dimensions can be customized to satisfy project requirements.