

Ati / ROBOTICS

SHERPA LIFTER 500

CUSTOMIZABLE | ROBUST | PRECISE



SHERPA LIFTER 500

The Sherpa Lifter 500 is your go-to solution for smart, automated pallet handling, bin, and material movement. Designed for seamless integration into any modern warehouse or factory, it offers flexible configurations and operates effortlessly in demanding environments. With advanced safety, intuitive operation, and versatile customization options, the Lifter 500 makes automated logistics simple, efficient, and reliable so your operations keep moving forward, nonstop.

Automated Solutions

Dual Direction Travel Conveyor Transfer Custom Lifting Applications Auto Charging

Sherpa Specifications

Physical Specs	LENGTH	780 mm	30 in
	WIDTH	580 mm	22 in
	HEIGHT	280 mm	11 in
	WEIGHT	280 Kg	617 lb
	SENSORS	3D Lidar and Camera	
	GROUND CLEARANCE	25 mm	0.9 in
Operation	AISLE WIDTH REQUIRED	>2000 mm	> 78 in
	MAX SPEED	Up to 1.2 m/s	Up to 2.7mph
	TURNING RADIUS	In-place turn	
	GRADIENT	< 2%	
	TEMPERATURE	+5°C to +45°C	+41 °F to 113°F
	LIFTING CAPACITY	500 kg	1100 lb
Battery	TYPE	51 V NMC Lithium-ion	
	WEIGHT	18 Kg	39lb
	RUN TIME	8 Hrs	
	CHARGING TIME	2 Hrs	
	CAPACITY	55 Ah	

Features



Light Conditions

Can even handle twilight and dark mode operations



Natural Navigation

No infrastructure changes needed



Industry 4.0 Ready

Can be integrated with Factory MAS, WMS



OTA Updates

Sherpa is constantly updated to its latest software



Operation

Works Indoor

Sherpa Fleet Managed On Ati Fleet Manager

Ati Equipment
on customer's Wifi Network (shop floor)



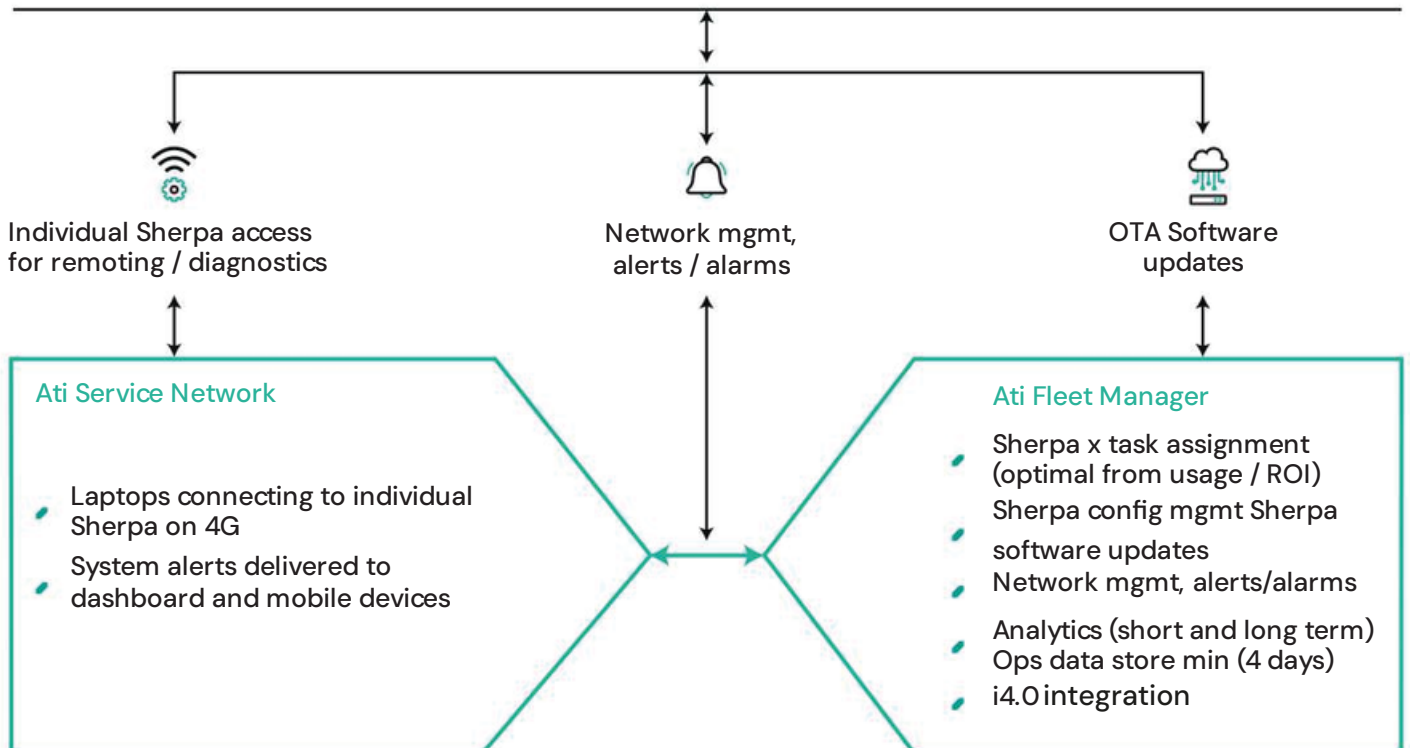
Sherpa
Single Unit / Fleets



Charging
systems



Control Terminal
(Onsite)



Ati Fleet Manager Offers

• VDA 5050

• Fleet Analytics & Scheduler

• Fleet Diagnostics

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Sensor Coverage



Autonomy Safety Compliance ISO 3691-4

USA | Mexico | South East Asia | India

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