

# **SHERPA PIVOT**

MANOEUVRABLE | CUSTOMISABLE | PRECISE



1111

0000

# **SHERPA PIVOT**

Sherpa PIVOT is an AMR that can streamline warehouse operations by autonomously transporting customized trailing units of payload up to 500 kg using a combination of 3D LiDAR sensors, cameras, and mapping technology. It navigates dynamically, avoiding obstacles, hence enhancing efficiency by reducing manual labor, optimizing storage, and facilitating quicker order fulfillment.

### **Automates Solution**

- Custom Attachments
- Auto Charging
- Obstacle Avoidance

- Custom Trolley Design
- **✓** ERP Integration

## **Sherpa Specifications**

CS
be
a S
sica
h
<u> </u>

LENGTH	1486 mm	59 in
WIDTH	578 mm	23 in
HEIGHT	1087 mm	82 in
WEIGHT	~ 120 Kg	265 lb
SENSORS	3D Lidar and Camera	
IPX RATING	IPX4	
GROUND CLEARANCE	75 mm	3 in
AISLE WIDTH REQUIRED	>1500 mm	> 59 in

Operation

AISLE WIDTH REQUIRED	>1500 mm	> 59 in
MAX SPEED	1.5 m/s	3.3 mph
TURNING RADIUS	2 m	79 in
GRADIENT	Upto 2%	
TEMPERATURE	+5°C to +45°C	+41 °F to 113 °F
TUGGING CAPACITY	500 Kg	1100 lb

Battery

TYPE	51 V NMC Lithium-ion (Swappable)	
WEIGHT	18 Kg	40 lb
RUN TIME	8 Hrs	
CHARGING TIME	2 Hrs	
CAPACITY	55 Ah	

### **Features**



#### **Light Conditions**

Can even handle twilight and dark mode operations



#### **Industry 4.0 Ready**

Can be integrated with Factory MAS, WMS



#### **Natural Navigation**

No infrastructure changes needed



#### **Swappable Battery**

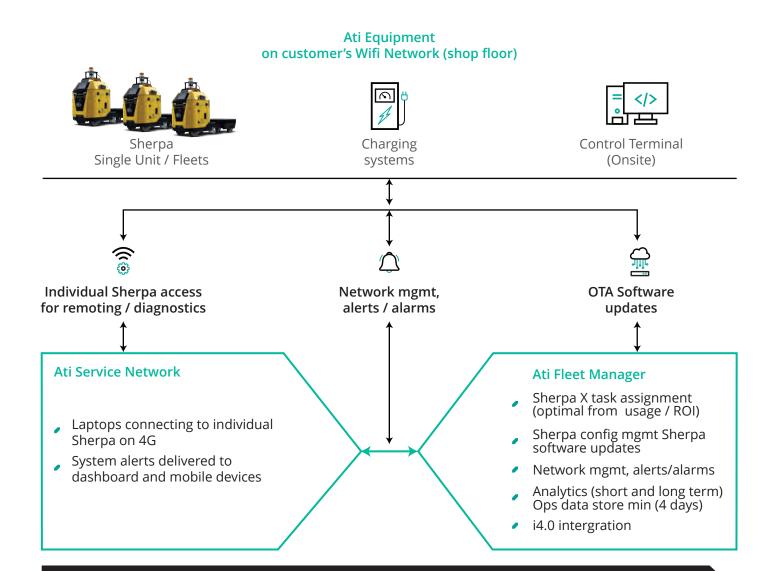
Enables Multiple shifts with low down time



#### **OTA Updates**

Sherpa is constantly updated to its latest software

### Sherpa Fleet Managed On Ati Fleet Manager

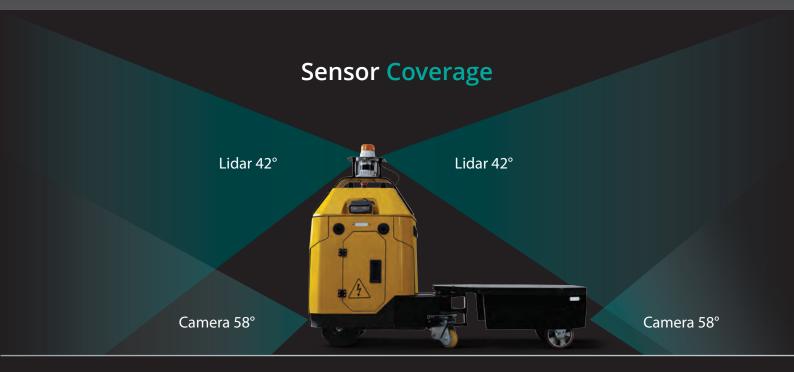


### **Ati Fleet Manager Offers**

## Sherpa Pivot

Experience precision and versatility for every move





### **Autonomy Safety Compliance ISO 3691-4**

# USA | Mexico | South East Asia | India | Europe

Ati Motors Inc.

1750 W Hamlin Rd, Rochester Hills, MI 48309

Mail: info@atimotors.com | Web: www.atimotors.com