

# RB-CAR

AUTONOMOUS MOBILE ROBOT (AMR)

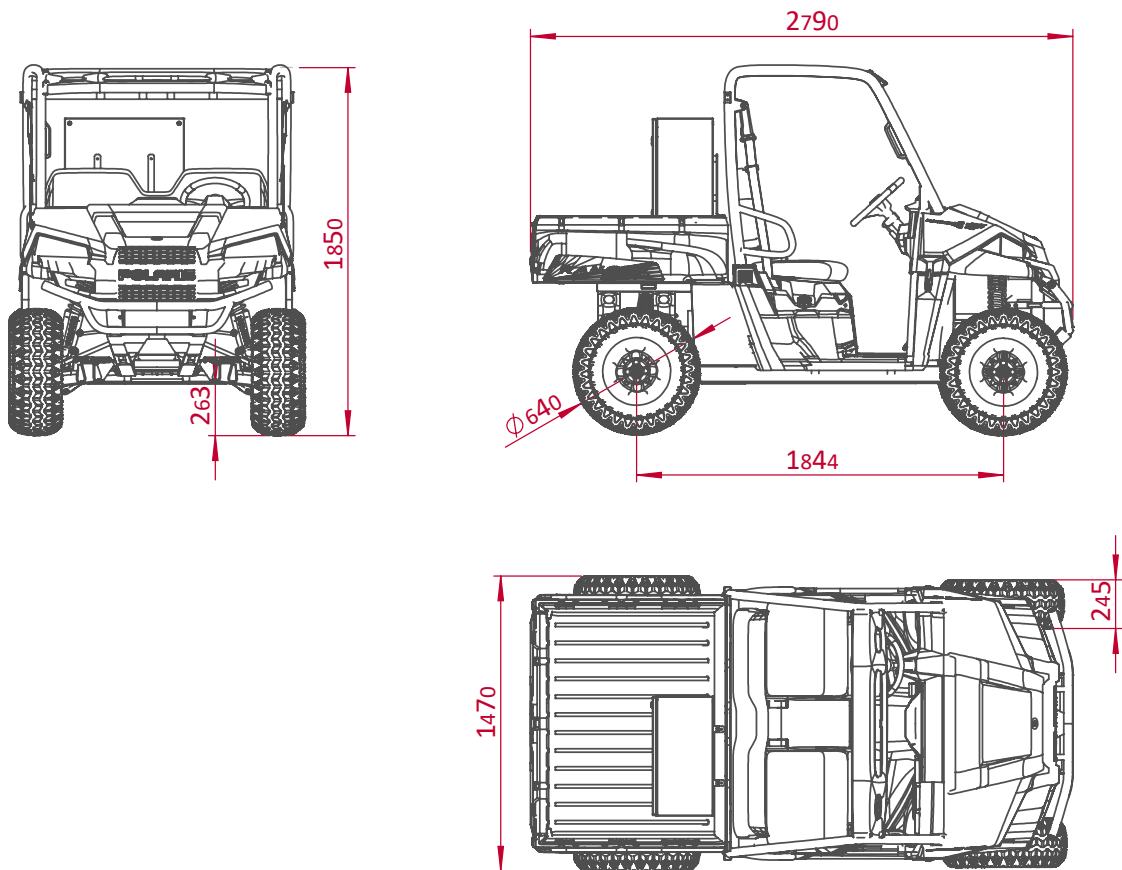


CONFIGURABLE &  
AUTONOMOUS **ALL-TERRAIN**  
**ROBOT**

**680 KG** OF TOWING CAPACITY

SURVEILLANCE AND SECURITY  
PEOPLE OR GOODS TRANSPORT  
SERVICE ROBOTICS APPLICATIONS  
AUTONOMOUS DRIVING RESEARCH





## TECHNICAL SPECIFICATIONS

### MECHANICAL

Dimensions	<b>2.727 x 1.444 x 2.082 mm</b>
Weight with batteries	<b>800 kg</b>
Payload	<b>2 people + 227 Kg in the rear box</b>
Speed	<b>35 km / h</b>
Autonomy	<b>Up to 70 km</b>
Temperature range	<b>0° to + 40°C</b>
Max. slope	<b>30 %</b>
Batteries	<b>Lead Acid 240Ah@48V</b>
Traction motors	<b>7,5 kw AC</b>
Traction system	<b>Ackermann, Rear Wheel / 4 Wheel traction</b>
Towing capacity	<b>680 kg</b>

### CONTROL

Controller	<b>Open architecture ROS Embedded PC with Linux</b>
Communication	<b>WiFi 802.11n (5G/4G optional)</b>
Connectivity	<b>Internal: USB, RJ45, power supplies 12, 24 VDC and battery</b>