

# MOBILE ROBOTS



RB-1 BASE
RB-SHERPA
SUMMIT-XL STEEL
RB-2 BASE
AGVS
VULCANO
SUMMIT-XL
SUMMIT-XL HL
RB-CAR

Dimensions (mm)	500x500x251	1.142x1.413x626	847x663x509	990x633x390	1.750x652x345	892x1.425x732	722x613x392	722x613x416	2.660x1.230x1.720
<b>Weight</b>	30 Kg	123 Kg	105 Kg	110 Kg	250 Kg	400 Kg	45 Kg	65 Kg	690 Kg
<b>Payload</b>	50 Kg	100 Kg	130 Kg	200 Kg	500 Kg	500 Kg	20 Kg	65 Kg	350 Kg
<b>Speed</b>	1,5 m/s	3 m/s	3 m/s	1,7 m/s	1,25 m/s	5 km/h	3 m/s	3 m/s	32,5 m/s
<b>Enclosure Class</b>	IP51	IP54 / IP65	IP54	IP54	IP43	IP20	IP54 / IP65	IP54 / IP65	IP54
<b>Traction System</b>	Differential drive	Single / Dual Ackermann / Omni	Skid steering / Omni	Differential drive	Ackermann	Single / Dual Ackermann / Omni - drive (swerve drive)	Skid steering / Omni	Skid steering / Omni	Ackermann
<b>Autonomy (standard, without load)</b>	10 h	10 h	10 h	10 h	8 h	8 h	5 h	10 h	70 km
<b>Batteries</b>	LiFePO <sub>4</sub> 30Ah@24V	LiFePO <sub>4</sub> 15Ah@48V	LiFePO <sub>4</sub> 15Ah@48V	LiFePO <sub>4</sub> 15/30/40Ah@48V	LiFePO <sub>4</sub> 100Ah@24V	LiFePO <sub>4</sub> 200Ah@48V	LiFePO <sub>4</sub> 15Ah@24V	LiFePO <sub>4</sub> 15Ah@48V	LiFePO <sub>4</sub> 230Ah@48V
<b>Traction Motors</b>	2x250 W	4x500 W	4x500 W	2x1.000 W	500 W	4x700 W	4x250 W	4x500 W	3,3 kW AC 48V
<b>Max. Slope</b>	8 %	20 %	30 %	20 %	5 %	20 %	80 %	80 %	10 %
<b>Applications</b>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Logistics</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Logistics</li> <li>•Picking and transport</li> <li>•Delivery apps</li> <li>•Agriculture</li> <li>•Military</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Logistics</li> <li>•Indoor &amp; Outdoor transport</li> <li>•Surveillance &amp; monitoring</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Logistics</li> <li>•Robotics in construction</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Logistics</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Logistics</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Surveillance</li> <li>•Military</li> <li>•Remote monitoring</li> <li>•Access to hazardous areas</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Surveillance</li> <li>•Military</li> <li>•Remote monitoring</li> <li>•Access to hazardous areas</li> </ul>	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Transport of goods</li> <li>•Transport of people</li> </ul>