

# MOBILE ROBOTS



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

Dimensions (mm)	500x500x251	1.142x1.413x626	847x663x509	990x633x390	1.750x652x345	1.496x600x300	892x1.425x732	722x613x392	722x613x416	2.660x1.230x1.720
Weight	30 Kg	123 Kg	105 Kg	110 Kg	250 Kg	216 Kg	400 Kg	45 Kg	65 Kg	690 Kg
Payload	50 Kg	100 Kg	130 Kg	200 Kg	500 Kg	750 Kg	500 Kg	20 Kg	65 Kg	350 Kg
Speed	1,5 m/s	3 m/s	3 m/s	1,7 m/s	1,25 m/s	2 m/s	5 km/h	3 m/s	3 m/s	32,5 m/s
Enclosure Class	IP51	IP54 / IP65	IP54	IP54	IP43	IP43	IP20	IP54 / IP65	IP54 / IP65	IP54
Traction System	Differential drive	Single / Dual Ackermann / Omni	Skid steering / Omni	Differential drive	Ackermann	Differential drive	Single / Dual Ackermann / Omni - drive (swerve drive)	Skid steering / Omni	Skid steering / Omni	Ackermann
Autonomy (standard, without load)	10 h	10 h	10 h	10 h	8 h	8 h	8 h	5 h	10 h	70 km
Batteries	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> 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
Traction Motors	2x250 W	4x500 W	4x500 W	2x1.000 W	500 W	1.100 W	4x700 W	4x250 W	4x500 W	3,3 kW AC 48V
Max. Slope	8 %	20 %	30 %	20 %	5 %	5 %	20 %	80 %	80 %	10 %
Applications	<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>•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>