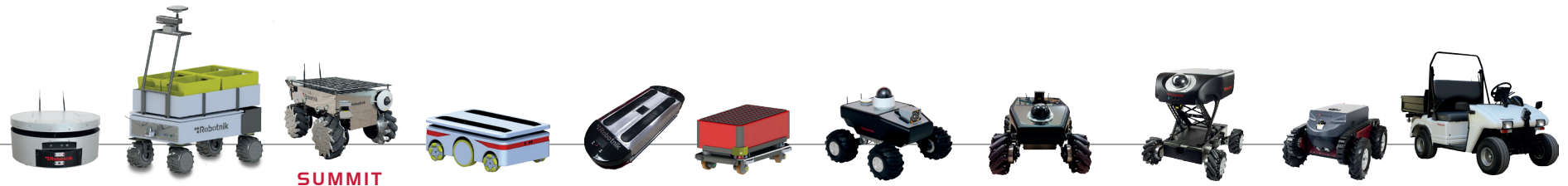


# MOBILE ROBOTS



**RB-IBASE**   **RB-SHERPA**   **SUMMIT XL-STEEL**   **RB-2BASE**   **AGVS**   **VULCANO**   **SUMMIT-XL**   **SUMMIT-XL-HL**   **SUMMIT-X**   **GUARDIAN**   **RB-CAR**

Dimensions (mm)	500x500x251	1.142x1.413x626	843x524x415	800x588x338	1.750x652x345	892x1.425x732	722x613x392	722x613x416	796x671x445	1.127x747x554	2.660x1.230x1.720
Weight	30 Kg	123 Kg	90 Kg	95 Kg	250 Kg	400 Kg	45 Kg	65 Kg	72 Kg	120 Kg	690 Kg
Payload	50 Kg	100 Kg	130 Kg	200 Kg	500 Kg	500 Kg	20 Kg	65 Kg	40 Kg	100 Kg	350 Kg
Speed	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	3 m/s	1,25 m/s	32,5 m/s
Enclosure Class	IP51	IP54 / IP65	IP54	IP54 / IP65	IP43	IP20	IP54 / IP65	IP54 / IP65	IP20	IP54	IP54
Traction System	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	Skid steering / Omni	Skid steering. Belts combined with wheels	Ackermann
Autonomy (standard, without load)	10 h	10 h	10 h	10 h	8 h	8 h	5 h	10 h	5 h	3 - 6 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> 15/30Ah@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> 15Ah@48V	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	4x700 W	4x250 W	4x500 W	4x500 W	2x1.000 W	3,3 kW AC 48V
Max. Slope	8 %	20 %	30 %	20 %	5 %	20 %	80 %	80 %	3 %	25 %	10 %
Applications	<ul style="list-style-type: none"> <li>•R&amp;D</li> <li>•Logistics</li> <li>•Remote monitoring</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> <li>•Access to hazardous areas</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> <li>•Mobile manipulation</li> </ul>	<ul style="list-style-type: none"> <li>•Surveillance</li> <li>•Military</li> <li>•Remote monitoring</li> <li>•Access to hazardous areas</li> <li>•R&amp;D</li> </ul>	<ul style="list-style-type: none"> <li>•Surveillance</li> <li>•Military</li> <li>•Remote monitoring</li> <li>•Access to hazardous areas</li> <li>•R&amp;D</li> </ul>	<ul style="list-style-type: none"> <li>•Robot assistant</li> <li>•Telepresence</li> <li>•Remote monitoring</li> <li>•R&amp;D</li> </ul>	<ul style="list-style-type: none"> <li>•Indoor &amp; outdoor navigation</li> <li>•IEDD or EOD</li> <li>•Remote surveillance</li> <li>•Measurement &amp; mapping</li> <li>•R&amp;D</li> </ul>	<ul style="list-style-type: none"> <li>•Transport of goods</li> <li>•Transport of people</li> <li>•R&amp;D</li> </ul>