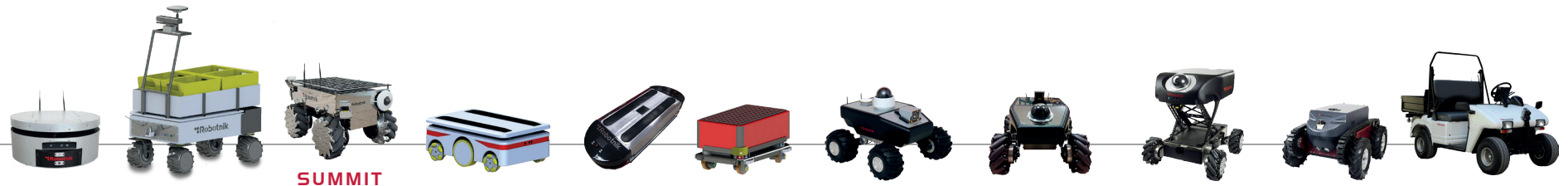


MOBILE ROBOTS



RB-I BASE 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 ₄ 30Ah@24V | LiFePO ₄ 15Ah@48V | LiFePO ₄ 15Ah@48V | LiFePO ₄ 15/30Ah@48V | LiFePO ₄ 100Ah@24V | LiFePO ₄ 200Ah@48V | LiFePO ₄ 15Ah@24V | LiFePO ₄ 15Ah@48V | LiFePO ₄ 15Ah@48V | LiFePO ₄ 15Ah@48V | LiFePO ₄ 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"> •R&D •Logistics •Remote monitoring | <ul style="list-style-type: none"> •R&D •Logistics •Picking and transport •Delivery apps •Agriculture •Military | <ul style="list-style-type: none"> •R&D •Logistics •Indoor & Outdoor transport •Surveillance & monitoring | <ul style="list-style-type: none"> •R&D •Logistics •Robotics in construction •Access to hazardous areas | <ul style="list-style-type: none"> •R&D •Logistics | <ul style="list-style-type: none"> •R&D •Logistics •Mobile manipulation | <ul style="list-style-type: none"> •Surveillance •Military •Remote monitoring •Access to hazardous areas •R&D | <ul style="list-style-type: none"> •Surveillance •Military •Remote monitoring •Access to hazardous areas •R&D | <ul style="list-style-type: none"> •Robot assistant •Telepresence •Remote monitoring •R&D | <ul style="list-style-type: none"> •Indoor & outdoor navigation •IEDD or EOD •Remote surveillance •Measurement & mapping •R&D | <ul style="list-style-type: none"> •Transport of goods •Transport of people •R&D |