

Segway® Robotic Mobility Platform (RMP) Specifications



Proven Durability, Reliability, and Performance

The Segway RMP takes the performance and engineering prowess demonstrated in the Segway Personal Transporter (PT) and makes it available in a customizable package for robotics applications. All RMP models feature a die-cast aluminum chassis, aircraft quality drive train, and direct control via a non-proprietary USB or CAN interface. Available in a variety of configurations, Segway RMPs deliver dependable power, speed, and maneuverability to maximize your return on investment.

	 RMP 50	 RMP 100	 RMP 200/ATV	 RMP 400	 RMP 50 Omni	 RMP 400 Omni
TOP SPEED	4 mph / 6 km/h	6 mph / 10 km/h	10 mph / 16 km/h	18 mph / 29 km/h	2 mph / 3 km/h	7 mph / 12 km/h
RANGE	4-6 miles / 6-10 km	8-12 miles / 13-19 km	10-15 miles / 16-24 km	10-15 miles / 16-24 km	2-3 miles / 4-5 km	4-6 miles / 6-10 km
FOOTPRINT	22 X 28 in / 56 x 71 cm	24 x 24 in / 61 x 61 cm	25 x 24 in / 64 x 61 cm (ATV: 30 x 24 in / 76 x 61 cm)	30 x 44 in / 76 x 112 cm	30 x 26 in / 76 x 66	36 x 38 in / 91 x 99 cm
WEIGHT	70 lbs / 32 kg	125 lbs / 57 kg	140 lbs / 64 kg (ATV: 157 lbs / 71 kg)	240 lbs / 109 kg	150 lbs / 68 kg	240 lbs / 109 kg
MAX. PAYLOAD	75 lbs / 34 kg	150 lbs / 68 kg	200 lbs / 91 kg	400 lbs / 181 kg	150 lbs / 68 kg	400 lbs / 181 kg
DRIVE BATTERIES*	One NiMH Pack	Two NiMH Packs	Two Li-Ion Packs	Four Li-Ion Packs	Two NiMH Packs	Four Li-Ion Packs
CONTROL MODE(S)	2WD Tractor Mode	2WD Balance Mode or Tractor Mode	2WD Balance Mode or Tractor Mode	4WD Tractor Mode	4WD Mode (Omni-directional)	4WD Mode (Omni-directional)

* Built-in charger accepts 100-240 VAC, 50-60 Hz.

For more information go to <http://rmp.segway.com> or email rmp@segway.com