

SPECIFICATIONS

Capra Hircus



Dimensions and Weight

External Dimensions (LxWxH)	1106x600x373 mm
Wheel Diameter	326 mm
Clearance Height	126 mm
Weight	50 kg (with 2 batteries)

Speed and Performance

Maximal Speed	6 km/h
Maximal Incline	30%
Turning Radius	465 mm
Chassis	4-wheel robot frame
Motor Type	4 pcs. Hub motor of 250W each
Payload Capacity	50 kg

Effect

Battery Type	Li-NMC
Capacity	Up to 6 units of 25.9V, 20 Ah each
Operating Time	17,5 hours (with 6 batteries)
Range	100 km (with 6 batteries)*
Charging Time	3 hours (with 2 batteries)

Environment

Operational Temperature Range	-20°C to +50°C**
IP Rating	IP 65
Usage	Primarily Outdoor

Interface and Communication

External Communication	4G router with Dual-band Wi-Fi (G/N/B) and Dual-SIM
I/O	M12 Ethernet connector M12 Battery power (10A E-stop, 10A Continues)
Manual Steering	Remote Control

Safety

Collision Avoidance	2 pcs. Ultrasound Sensors
Safety Functions	4 safety functions according to ISO 13849-1 <ul style="list-style-type: none">- Brake validation- Bumper bars- Detection of manually triggered brake- Emergency stop

* Depending on surface and incline

** Lower than -10°C requires additional heating element