

iLogistics™ Datasheet iL-600



Designated use

Collaborative mobile robot

for internal transportation of roll cages and pallets in industry and logistics - inbound, picking and outbound warehouse operations.

Dimensions

Length	1340 mm
Width	760 mm
Height	170 mm
Weight (without load)	205 kg
Load surface	900 x 760 mm

Color

Blue (Optional customisation)

Payload

Robot Payload	600 kg
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Speed and performance

Battery run time	12 hours to 18 hours
Maximum speed	2m/sec (7 km/h)
Ramps and inclines	5% incline of 10 meters with 0.7 m/s

Power

Battery	Li-ion 48V, 60Ah
Charging time	2 hours
Battery charging cycle	Minimum 700 cycles
External Charger - Cable or Dock	Input: 100-230 V AC, 50-60 Hz / Output: 48V DC, max 32A

Environment

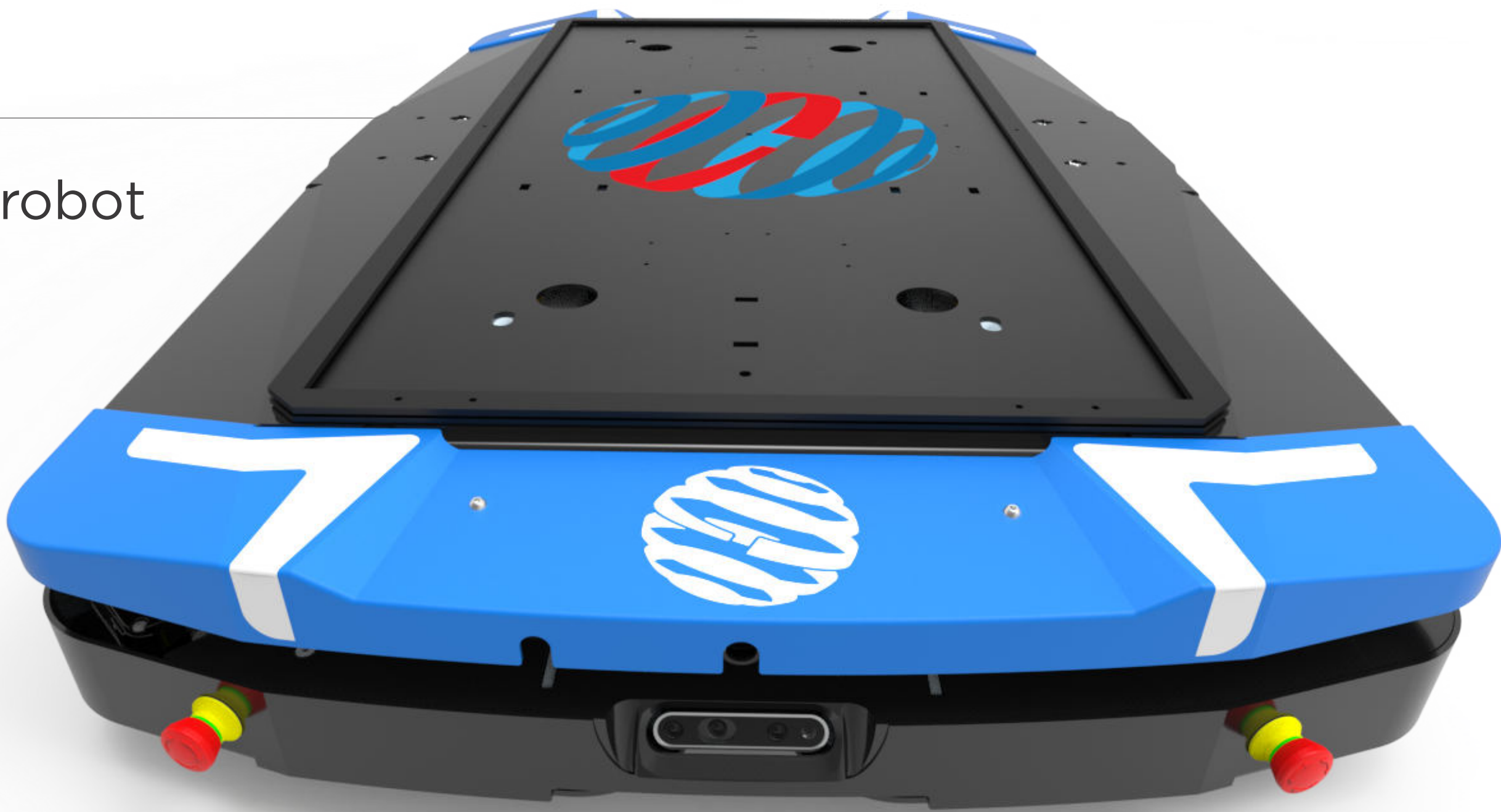
Ambient temperature range	-25°C to 40°C
Certifications	Compliant with ISO/EN 13849, NF/EN 3691-4 CE Certification

Communication

WiFi	Dual-band wireless 2,45 / 5 Ghz
I/Os	Ethernet connection - LORA USB connection - Plug access
Remote controller	For manual control according to EN 3691-4

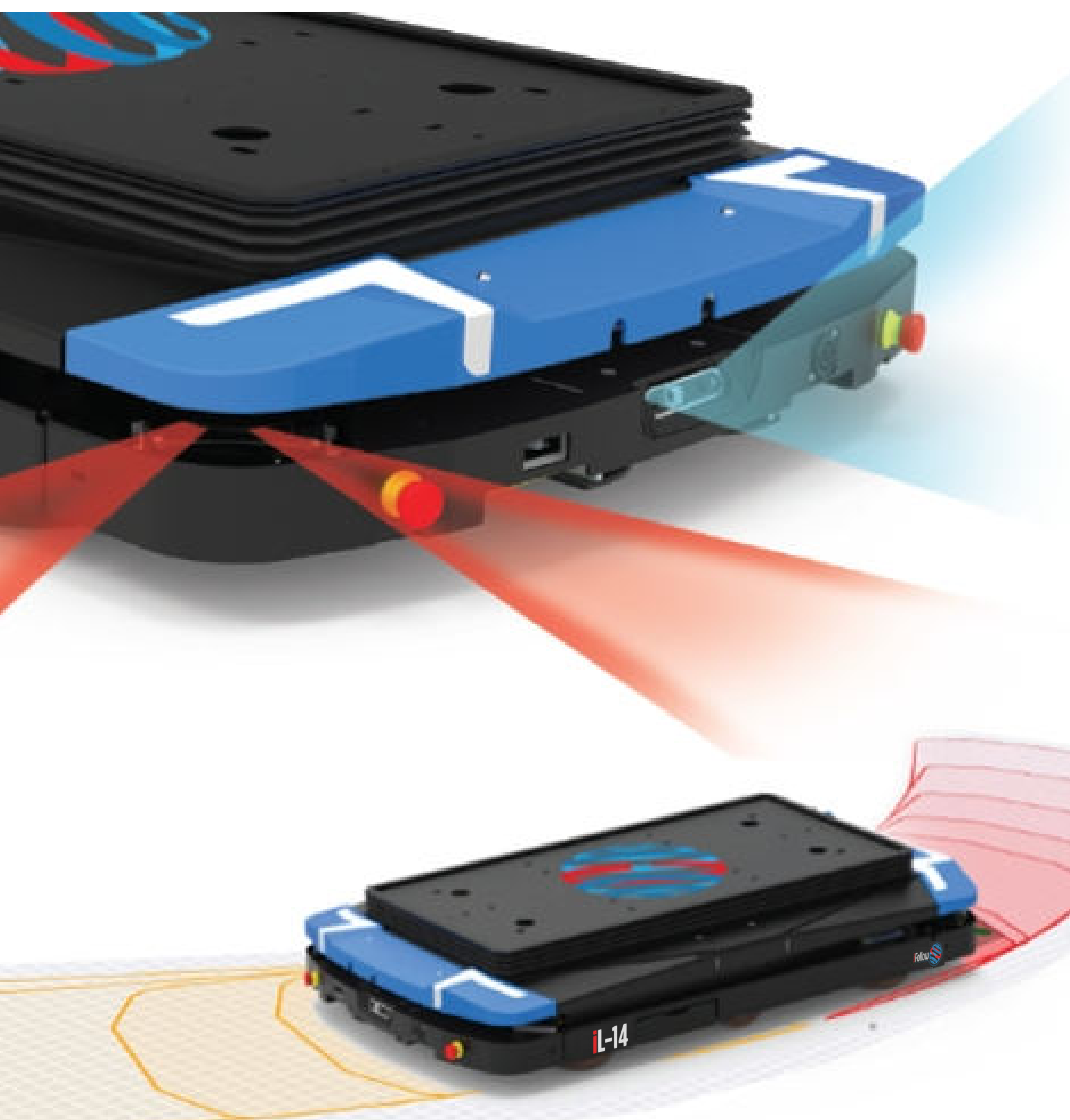
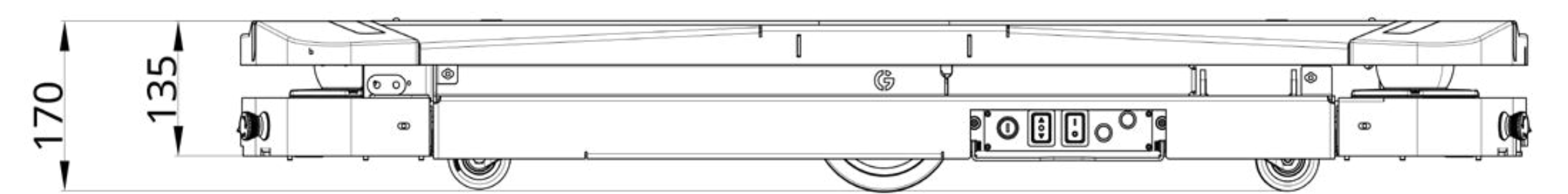
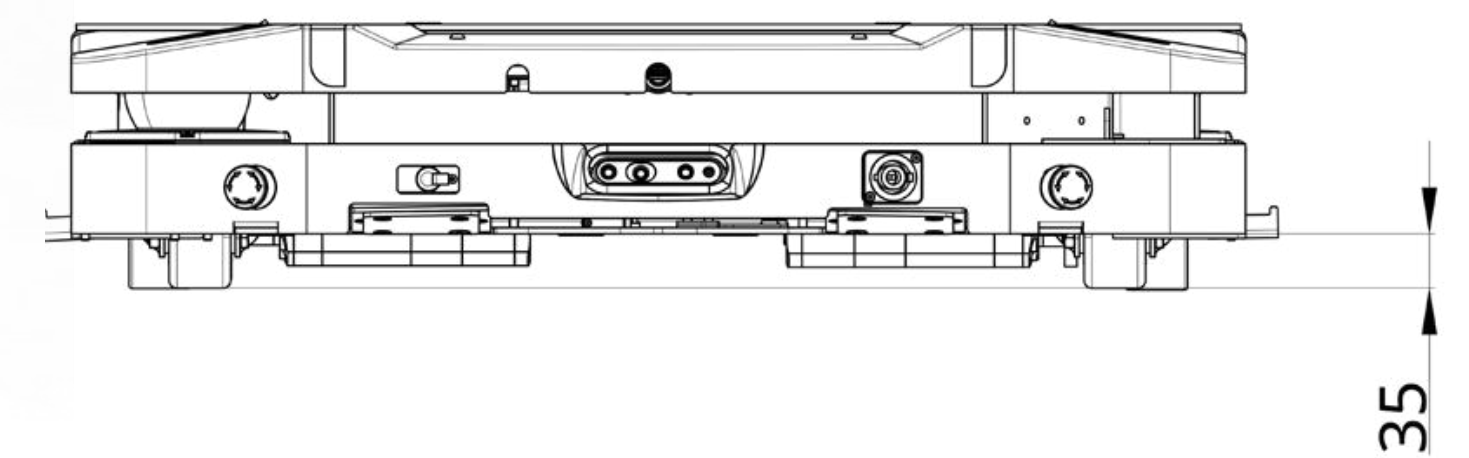
Sensors

Nanoscan Certified Safety Lidar (2 pcs.)	360° visual protection around robot
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iFollow
collaborative robotics



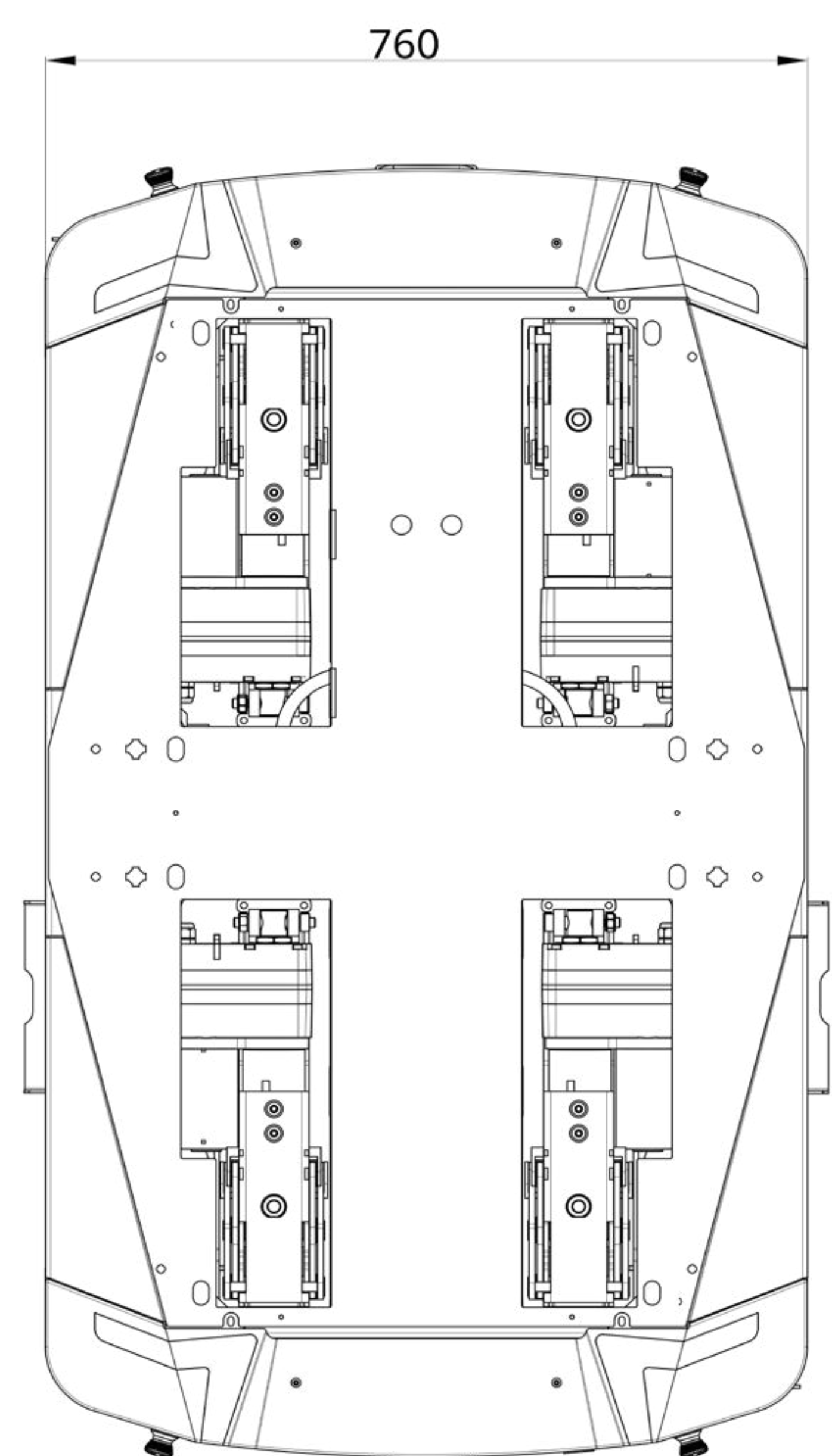
Environment perception

Pin-point precision

The two lasers of our robots provide a centimetric accuracy mapping of the facility.

“360 secured” Technology

Sick safety lidars and 3D cameras are positioned around the robots to prevent any collision risk



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AMR FOR INDUSTRIES AND LOGISTICS