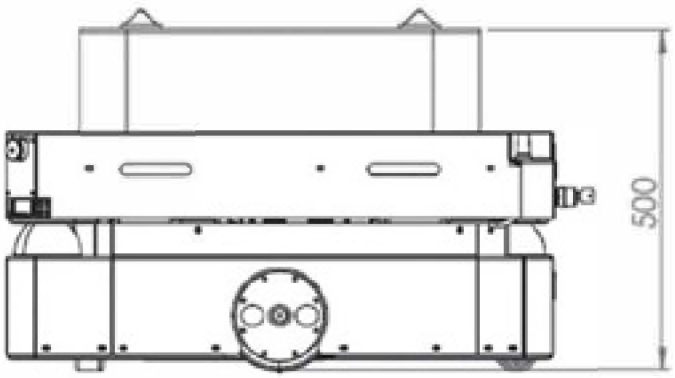


AMR

VOYAGER S70

Powerful automation, seamless intralogistics



Voyager S70 is designed to automate and optimize the internal transport of components and materials.
Equipped with an integrated lifting system, it can autonomously move, lift, pick and drop loads. With a **payload of up to 700 kg** and compact dimensions of 800 × 600 mm, it ensures safe and efficient transport even in shared industrial environments.

VOYAGER S70

Type	Autonomous Mobile Robot (AMR)
Payload (kg)	700
Use	Transport for indoor logistic
Color	Black RAL 9005 / Dark Gray RAL 7024 / Light Gray RAL 7001

MECHANICAL CHARACTERISTICS

Length (mm)	804
Width (mm)	604
Height (mm)	350
Weight (kg)	172
Ground clearance (mm)	25
Load surface (mm)	550 × 550
Total height in lifted position (mm)	500
Lifting height (mm)	150

NAVIGATION GUIDANCE

Positioning precision (mm)	±20 (with optimal environment fixed references)
Angular precision (°)	±2
Maximum speed (m/s)	1.5
Maximum obstacle height (mm)	20
Minimum corridor width according to ISO 3691-4 (mm)	1600
Minimum width according to ISO 3691-4 (rotation in place) (mm)	2000

BATTERY & RECHARGE

Battery type	LiNMC
Rated Voltage (VDC)	51.8
Charger connection type	Wireless
Recharge time (min)	< 60 (20% – 80%)
Autonomy	8h continuous movement @ full load – with 1 battery
Capacity	29Ah/58Ah

ENVIRONMENT

Ambient temperature (°C)	-5 ÷ 45 (Rated performance @ 25°C)
Humidity	10–95% without condensation
Type of environment	Indoor

SAFETY

Laser Scanner	2 safety laser scanners, give 360° visual protection around the robot
Safety area covered	360° up to 9m distance – 64 different programmable safety areas
STO	Safety Torque Off integrated on traction wheels drives
Emergency buttons	Double emergency button

CONNECTIVITY

Fieldbus	ProfiNet / CAN open fieldbus
WiFi connection	IEEE 802.11 a/b/g/h/n, 2.4 / 5 GHz all country certified

CONFORMITY

Industrial vehicles standard	EN 3691-4, EN IEC 62046

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