

INSIDE  
RE  
SIDE

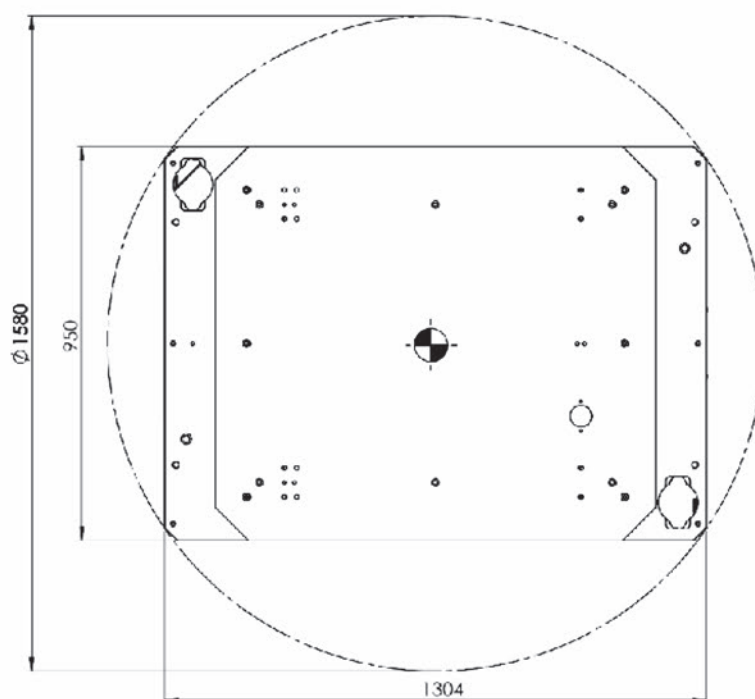
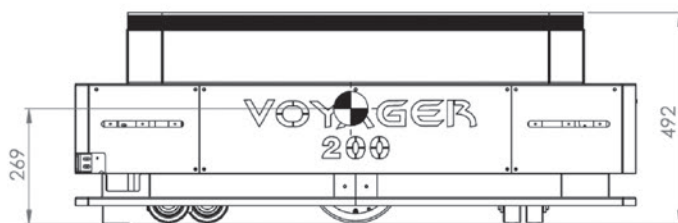
# VOYAGER 200



# VOYAGER 200

Its purpose is to automate and optimize the transportation of heavy loads and pallets.

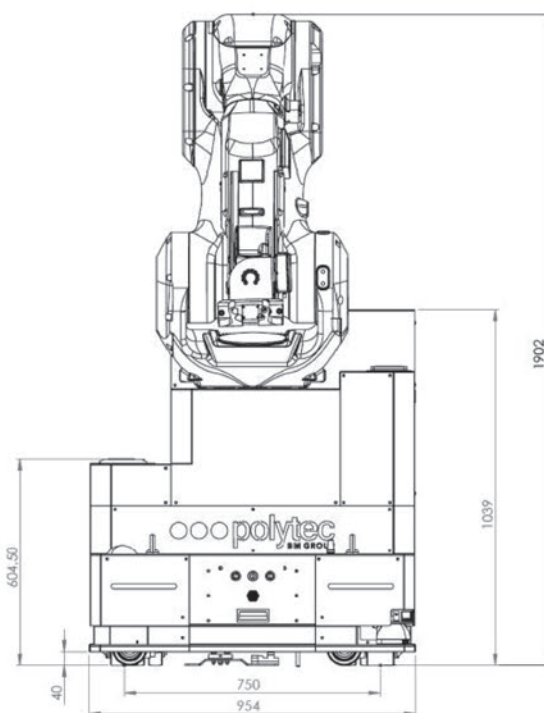
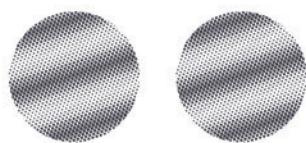
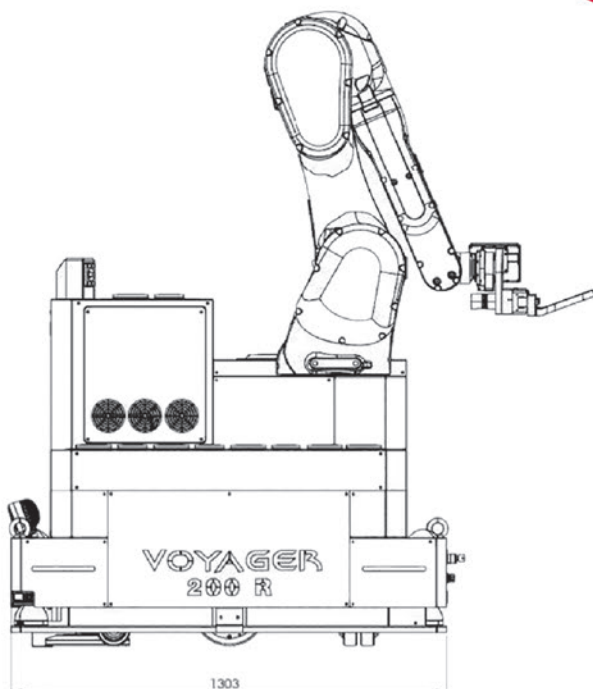
Voyager 200 has a 2000 kg payload and dimensions of 1300x900 mm, that allow to transport heavy loads without any other safety measure, even in crowded environments.



## VOYAGER 200 R

Its purpose is to **automate and optimize the transportation of tools** that weight up to 30 kg.

Voyager 200R has a 2000 kg payload that allow to transport a Fanuc M-20iB/35S arm and up to 10 tools without any other safety measure, even in crowded environments.



## VOYAGER 200 XL

Its purpose is to **automate and optimize the transportation of heavy loads and pallets** thanks to an automatic roller conveyor.

The 2000 kg payload allow to transport heavy loads without any other safety measure, even in crowded environments.



## GENERAL CHARACTERISTICS

Type	Autonomous Mobile Robot (AMR)
Payload (Kg)	2000
Use	Transport for indoor logistic
Color	Black RAL 9005 / Orange RAL 2004

## MECHANICAL CHARACTERISTICS

Length (mm)	1300
Width (mm)	950
Height (mm)	490
Weight (kg)	622
Ground clearance (mm)	40
Load surface (mm)	1060 x 950
Total height in lifted position (mm)	640
Lifting height (mm)	150

## NAVIGATION GUIDANCE

Positioning precision (mm)	± 20 (With optimal environment fixed references)
Angular precision (°)	± 2
Maximum speed (m/s)	1,2
Maximum obstacle height (mm)	25
Minimum corridor width according to ISO 3691-4 (mm)	1950
Minimum width according to ISO 3691-4 (rotation in place) (mm)	2600

## BATTERY & RECHARGE

Battery type	LiNMC
Rated Voltage (VDC)	44,4
Charger connection type	Contact plates
Recharge time (min)	< 60 (10% - 90%)
Autonomy	8h (continuous movement @ full load)

## 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

## CONFORMITY

Industrial vehicles standard	EN 3691-4, EN IEC 62046
------------------------------	-------------------------

## CONNECTIVITY

Fieldbus	ProfiNet / CANopen fieldbus
WiFi connection	IEEE 802.11 a/b/g/h/n, 2,4/5 GHz all country certified

[www.polytecintralogistics.com](http://www.polytecintralogistics.com)

