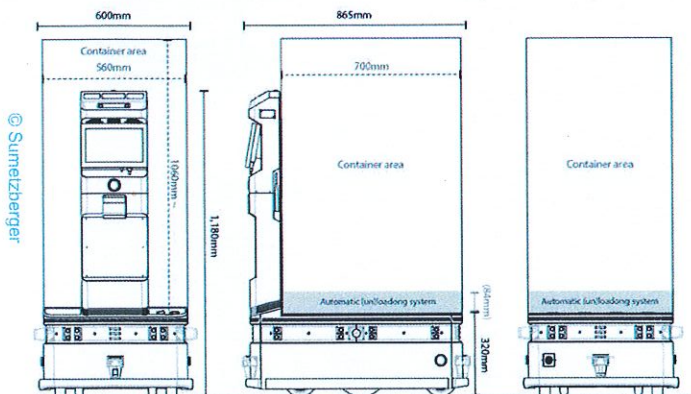
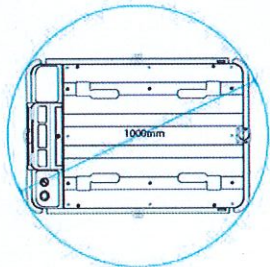


EXCHANABLE CONTAINERS

The highly flexible GoCart 120 robot autonomously transports a payload of up to 120kg. It can be equipped with special attachment modules, such as containers, shelves, conveyor belts or customized solutions based on your hospital's needs. Attachment modules are easy to exchange, allowing the robot to be quickly upgraded or changed for other tasks.

USERFRIENDLY, FLEXIBLE AND SECURE

The robot's mission can be easily customized by using a smartphone, tablet or computer which is connected to the hospital network. GoCart 120 transport robots maneuver safely around people and obstacles. In a busy laboratory area they can handle on-schedule deliveries via route planning or can be called for special orders. High security as well as documentation of transport is guaranteed due to access cards, codes and security software. They also master to open electric doors and can drive through, using elevators and searching for new routes, in case one route is blocked.



04/2018

TEAM PLAYER AND AUTONOMOUS

GoCart 120 can be used as a single robot but fully discover its strength in a group. They are able to optimize their workflow, that means they communicate with each other to improve the transport routes and coordinate their orders. The robots can handle your internal transports, make sure system stability is given.

Dimensions	
Length	865 cm (container: 700 cm)
Width	600 cm (container: 560 cm)
Height	1180 cm (container: 1060 cm)
Weight	
Payload	120 kg
Weight GoCart	100 kg
Performance	
Max. speed	1m/s
Traversable threshold	20 mm
Slope	8 degree
Elevator Interface (multi floor delivery)	Yes
Traversable gab	30mm
Battery	
Type	22-29,4V Li-Ion
Operating Time	8 hours +
Charging	autonomous charging
Capacity	52 Ah
Recharging time	4 hours
Particularities	
Display	10.1" Easy Touch Display
Route planning	on-schedule, on-demand with call function
Interfaces	elevator, electric doors, hospitals software
Access restriction	RFID cards or number combination
Automatic loading	Roller conveyor type as an option
Software and Navigation	
Software	Linux / Ubuntu
Navigation	SLAM
Sensors	Ultrasonic 3D camera LIDAR Stereo camera Bumper PSD (Cliff)

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