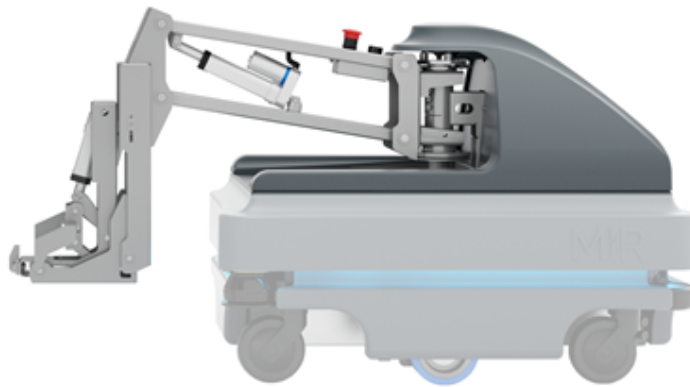


# MiR Hook 200 TM



Increase the efficiency of internal transportation tasks with an extended-payload MiR200 Hook mobile robot. MiR Hook 200 TM is a user-friendly and efficient mobile robot top module for fully automated pick-up and towing of carts in production, logistics and healthcare environments.

## Designated use

**Autonomous Mobile Robot (AMR) with hook**

For fully-automated pick-up and delivery of carts

## Dimensions

**Length (highest to lowest positions of hook arm)** 1275 to 1180 mm / 46.5 to 50.2 in

**Width** 580 mm / 22.8 in

**Height (lowest to highest positions of hook arm)** 550 to 900 mm / 21.7 to 35.4 in

<b>Height above floor</b>	Robot: 50 mm / 2 in - Gripping height: 80-350 mm / 3.1-13.8 in
<b>Weight (without load)</b>	98 kg / 216 lbs
<b>Length (Gripper bar)</b>	Minimum 300 mm / 11.8 in
<b>Thickness (Gripper bar)</b>	15 to 25 mm / 0.59 to 0.98 in

## Color

<b>RAL color</b>	RAL 7011 / Iron Gray
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## Towing capacity

<b>Load incl. cart</b>	Up to 500 kg / 1100 lbs at <1% incline - 300 kg / 661 lbs at 5% incline
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## Speed and performance

<b>Running time (depending on load)</b>	6-8 hours or 10-15 km / 6.2-9.3 mi
<b>Maximum speed</b>	1.1 m/s (4 km/h) / 3.6 ft/s (2.5 mph)
<b>Turning radius (without cart)</b>	520 mm / 20.5 in (around center of robot)
<b>Swinging radius (with cart)</b>	Total length of robot and cart plus 550 mm / 21.7 in
<b>Positioning accuracy (placing cart)</b>	+/-200 mm / 7.9 in from center of position, 10° accuracy
<b>Product design life</b>	5 years or 20.000 hours, whichever comes first

## Power

<b>Battery</b>	Li-NMC, 24 V, 40 Ah
<b>Charging time</b>	Up to 3 hours (0-80%: 2 hours)
<b>External charger</b>	Input: 100-230 V ac, 50-60 Hz Output: 24 V, max 15 A

## Environment

<b>Ambient temperature range</b>	+5°C to 40°C (humidity 10-95% non-condensing)
<b>IP class</b>	IP 20

## Communication

<b>WiFi</b>	Dual-band wireless AC/G/N/B
<b>Bluetooth</b>	4.0 LE, range: 10-20 m / 32.8-65.6 ft
<b>I/Os</b>	USB and Ethernet

## Cart

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<b>Length</b>	500 to 2400 mm / 20 to 94.5 in
<b>Width</b>	400 to 1500 mm / 15.7 to 59 in
<b>Height</b>	200 to 2000 mm / 7.9 to 78.7 in

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