



# ER-FLEX

Automation is within your reach



ENABLED  
ROBOTICS

# ER-FLEX SERIES

Optimized for space, flexibility and carrying capacity.

## ER-FLEX 100-5e

Designed for smaller loads of up to 29 kg, the ER-FLEX 100-5e has a daily utilization time of up to 17.5 hours\* with optimized charging.

## ER-FLEX 250-10e

The ER-FLEX 250 series has a longer daily utilization time of 20 hours\* with optimized charging, and can carry larger loads of up to 186 kg. Choose between UR 5e/10e/16e arms.

## ER-FLEX 250ESD-16e

The ER-FLEX ESD is designed for the electronics & semiconductor manufacturing industry for safe handling of electronic components.



## CONFIGURE YOUR ER-FLEX IN 4 STEPS

1

Choose your mobile platform



MiR250



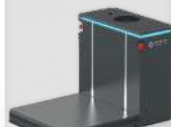
MiR100

2

Choose your module



High



Low

3

Choose your robot arm



UR16e  
Only for MiR250



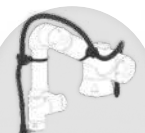
UR10e  
Only for MiR250



UR5e

4

Choose your accessories



Cable guide



MiR charging station



Charging cable



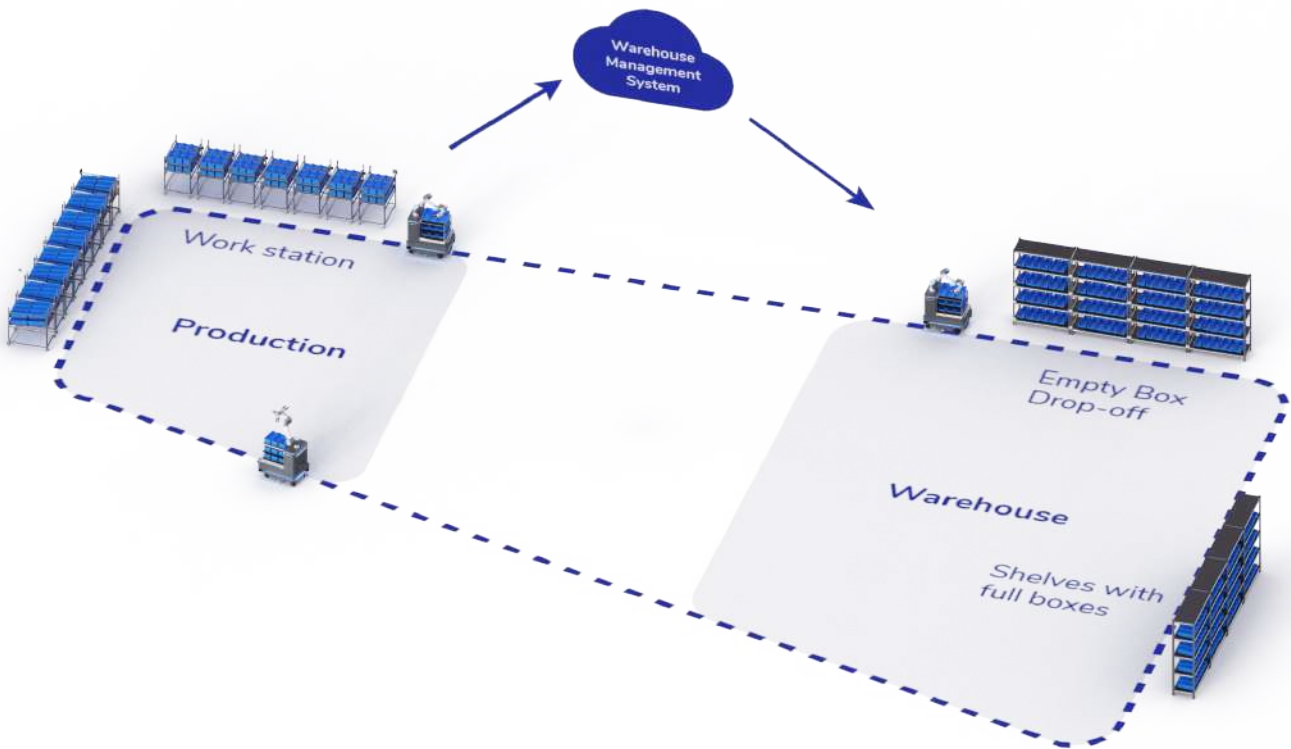
Other accessories available

The ER-FLEX is available in two sizes: low (standard) and high. Custom colors available upon request.

\* Utilization time depends on a number of factors, including the weight of the payload.

# MOBILE MULTI-TASKING AROUND THE CLOCK

Save space around your assembly line.



Switching to 24/7 on-demand delivery reduces the amount of inventory taking up precious space in the production and getting in the way of workers. The ER-FLEX acquires information when materials are needed and takes the appropriate action, enabling you to run a lean inventory management system.

## EASY SET-UP

Just one interface. It couldn't be easier.

- User-friendly drag-and-drop interface
- Pre-programmed commands for ease of use
- Customizable commands easy to do
- Can be operated from your smartphone, tablet or computer
- Vision system determines positioning, and object detection



# SPECIFICATIONS

**ER-FLEX**  
100 series



**ER-FLEX**  
250 series



<b>Weight</b> (without payload)	141 - 145 kg	147 - 165 kg
<b>Arm options</b>	UR5e	UR5e / UR10e / UR16e
<b>Arm payload</b>	UR5e: 5 kg	UR5e: 5 kg / UR10e: 12.5 kg / UR16e: 16 kg
<b>Payload</b>	Up to 29 kg	Up to 186 kg
<b>Operating time</b>	6 hours - 100% to 10% (with two batteries)	4.5 hours - 100% to 10%
<b>Charge time</b>	1.6 hours - 20% to 80% (with two batteries)	40 minutes - 20% to 80%
<b>Daily utilization</b>	Up to 17.5 hours (with two batteries)	Up to 20 hours
<b>Communication</b>	Dual-band wireless (b/g/n/ac)	
<b>Environment</b>	5 - 40°C IP20 (humidity 10 - 95% non-condensing)	

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