

ER-FLEX

FUTURE OF MULTIFUNCTIONAL ROBOTS



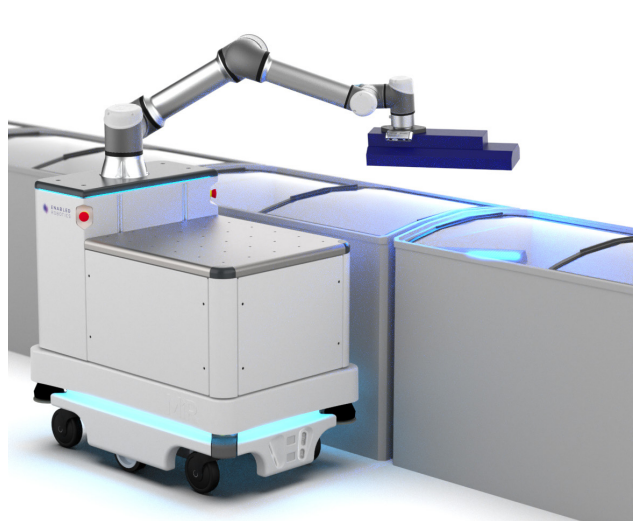
ER-FLEX

The ER-FLEX is a robot series which is optimized for easy changing of applications on the robot. You can easily change hardware and fixtures to customize it for almost any application in your environment. This will help you achieve a high occupancy of the robot and improve the return on investment.

APPLICATIONS



Perform machine tending, KanBan boxes, part logistics etc into your manufacturing facilities.



Disinfection for hotspot areas is an easy task for the FLEX series. Please look at our website for latest update on application kits.



Kitting for orders, handling of samples for test, reduce risk of failures caused by human picking/handling.



Automate lab and hospital tasks to limit human presence and reduce risk of contamination.

THE ROBOT

ER-FLEX can be specified with any UR arm you like and the mobile platform is either MiR 100 or MiR 200.

ER-FLEX HIGH

ER-FLEX HIGH is designed for those who carry smaller items or basically just needs a fixing plate in table height.

You can use the space inside to have loads of extra battery power, compressors for vacuum grippers, measurement equipment, controllers etc. The amount of possibilities are allmost unlimited.



ER-FLEX MEDIUM

ER-FLEX MEDIUM is combining the flexibility of the LOW version with the need of space for on-board equipment such as extra battery capacity – small compressors for vacuum grippers etc. You can use the space as you like, or you can ask us and our integrators to help you install the required equipment.



ER-FLEX LOW

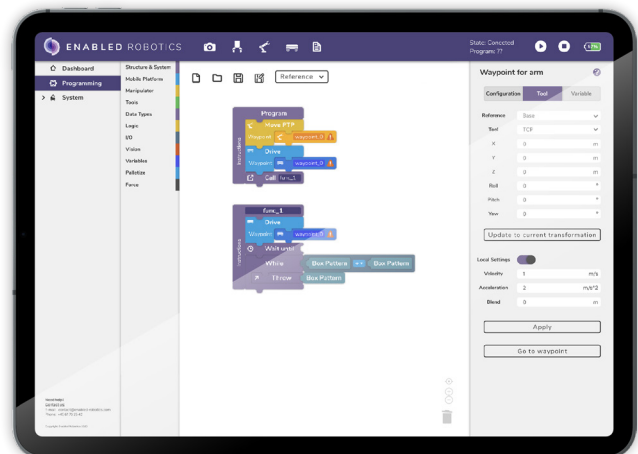
ER-FLEX LOW The low front allows you to customize the space for almost any application you like. There is plenty of space for tall items.

Fit any jig or fixture you like on the ER- FLEX fixing plate.



EASY SETUP

- ✓ Intuitive block-based programming interface.
- ✓ Interfacing through SQL to retrieve production information.
- ✓ Web-based interface allows you to connect and program the robot from your smartphone, tablet or computer.
- ✓ Built-in Dynamic Position System which enables fast millimeter precise calibration of robot to environment.



SPECIFICATIONS

- Size:** 890 x 580 x 1.500 mm
- Weight:** 120-154 kg
- Transport capacity:** From 40 kg up to 190 kg
- Arm Options:** UR5e / UR10e / UR16e
- Arm Payload:** 5 kg for UR5e / 10 kg for UR10e / 16 kg for UR16e
- Mobile Platform Options:** MiR 100 / MiR 200 / MiR 250
- Mobile Platform Payload:** Up to 133 kg - ER-FLEX LOW with UR5e & MiR200
- Operating Time:** Up to 20 hours per day
- Communication:** Dual-band Wireless AC/G/N/B
- Environment:** 5-40°C IP20 - humidity 10-95% non-condensing



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