ER-MAX
SPECIFICATION

Arm Options

	UR20	UR30
Arm Payload	25 kg	35 kg
Arm Reach Excluding tool	1750 mm	1300 mm

Physical

Foot print	135 × 91 cm
Load space	103 × 86 cm
Weight	460 kg
Transport Payload	380 kg
Max Driving Speed	2 m/s

Power

Battery	34.2 Ah / 1.63 kWh
Operation*	4 hours (100% - 10%)
Utilization*	18½ hours per day

*Operation and utilization are estimates

Environment

Humidity	10 – 95% non-condensing
Ambient temperature	5 - 40°C Max ambient temp for 1 h
IP rating	IP52 Arm and Tower - IP54

Other

WiFi	Dual-Band Wireless b/a/g/n/ac
Vision precision	1 mm relative to markers

Safety

Laser Scanners
Detects objects from afar, 360°

3D Cameras
Detect objects within a field of view up to 1.8 m in height and 1.2 m in distance

Proximity sensors
Scans the floor surrounding the robot

Protective Stop
Arm enters protective stop in case of unexpected forces

ER-ABILITY

The ER-MAX comes with the ER-ABILITY software, providing an coherent user interface for programming and operating the robot. Features of the software includes:

- Easy to use programming interface
- Vision system for precise localization to markers
- Reading of QR and bar-codes
- Communication with external IT systems through REST or OPC-UA

ENABLED ROBOTICS