

mobERT®

Field-proven mobile manipulators for flexible automation and autonomous machine tending.

mobERT®-M5/7S
Mini-mobERT



mobERT®-M12/14/20M
All-rounder



mobERT®-M20/25/30L
Athlete



ERT
SOLUTIONS

Successful manufacturing companies know that high competitiveness is achieved through increased efficiency and cost optimization in operational processes. Smart factory solutions for autonomous manufacturing and material handling processes are important levers in this regard and the answer to current economic challenges.

The mobERT® series

Field-proven mobile robotics for more efficiency in intralogistics and production.



mobERT®-M25L for KLT / tote handling

Our mobile manipulator mobERT® is the ideal solution for relieving your workers from strenuous, repetitive tasks and for flexibly automating the last mile on the shop floor.

mobERT® can be seamlessly integrated into brownfield or existing processes and production environments for autonomous material transport from the warehouse to direct machine tending.

Your advantages:

- Flexibly adaptable to your application
- Relief for employees from strenuous, monotonous transport and handling tasks
- High quality and efficiency through fewer manual touches and handling of products
- Location-independent 24/7 operation
- Maximum transparency and efficient processes through fleet and order manager software ERTmiral®
- High utilization of your production facilities for maximum output around the clock



mobERT®-M25L for reel handling

FIELDS OF APPLICATION (among others):

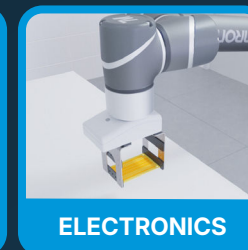


mobERT®-M5/7S

Mini-mobERT



LAB



ELECTRONICS

mobERT®-M12/14/20M

All-rounder



SMART FACTORY



TOTE HANDLING



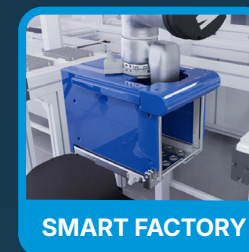
ELECTRONICS



REEL HANDLING

mobERT®-M20/25/30L

Athlete



SMART FACTORY



TOTE HANDLING



REEL HANDLING

Suitable application areas

(based on our customer experiences)

	max. payload 	max. load capacity 	Ratio of: max. runtime vs. charging time 	Speed 	Lab	Electronics	Yarn spool / packaging material handling	KLT / tote handling	Reel handling	Smart factory	Your individual use case
model					Applications						
mobERT®-M5/7S											
	M5S 5 kg	24 kg	2 : 1 8 h max runtime 4,5 h charging time	1,35 m/s							
	M7S 7 kg										
mobERT®-M12/14/20M											
	M12M 12 kg	108 kg	2 : 1 8 h max runtime 4,5 h charging time	1,2 m/s							
	M14M 14 kg										
	M20M 20 kg										
mobERT®-M20/25/30L											
	M20L 20 kg	399 kg	7 : 1 3,5 h max runtime 0,5 h charging time	2,2 m/s							
	M25L 25 kg										
	M30L 30 kg										

Why ERT Solutions?

Over 15 years

of experience in automation and mobile robotics



Large Portfolio

of smart factory and mobile robot solutions



Your partner

from consulting through to commissioning and beyond



Experiences of our customers



70 %

Shorter distances used for material transport



75 %

Fewer decision-makings for employees: more relief, fewer mistakes



60 %

Less manual handling of products – less effort, higher quality

You are in good company



ERTmiral®

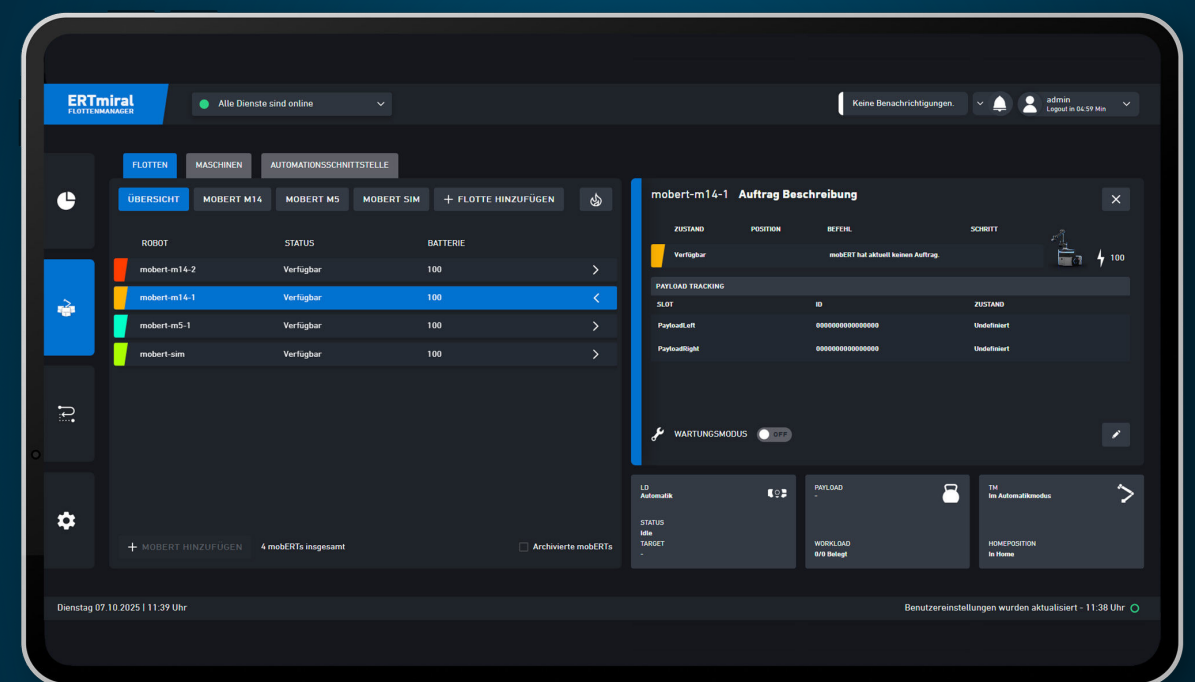
Fleet and Order Management for simple, efficient control and monitoring of your mobile robots and machines.

Process management

Seamless integration into your production control system. Connects mobERT® and other systems. Automatic order management from ERP/ME systems without additional control.

Mobile manipulators

First fleet manager that controls complete processes for mobile manipulators as a complete system - with tool changers, grippers, vision systems & sensors.



Connectivity

Connection and control of machines for managing transfer processes.

Scale eciently

Unlimited number of users, AMRs and manipulators, parallel access to the UI.

Carefree maintenance

Quick commissioning and easy maintenance in service mode.



MORE EFFICIENCY.

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