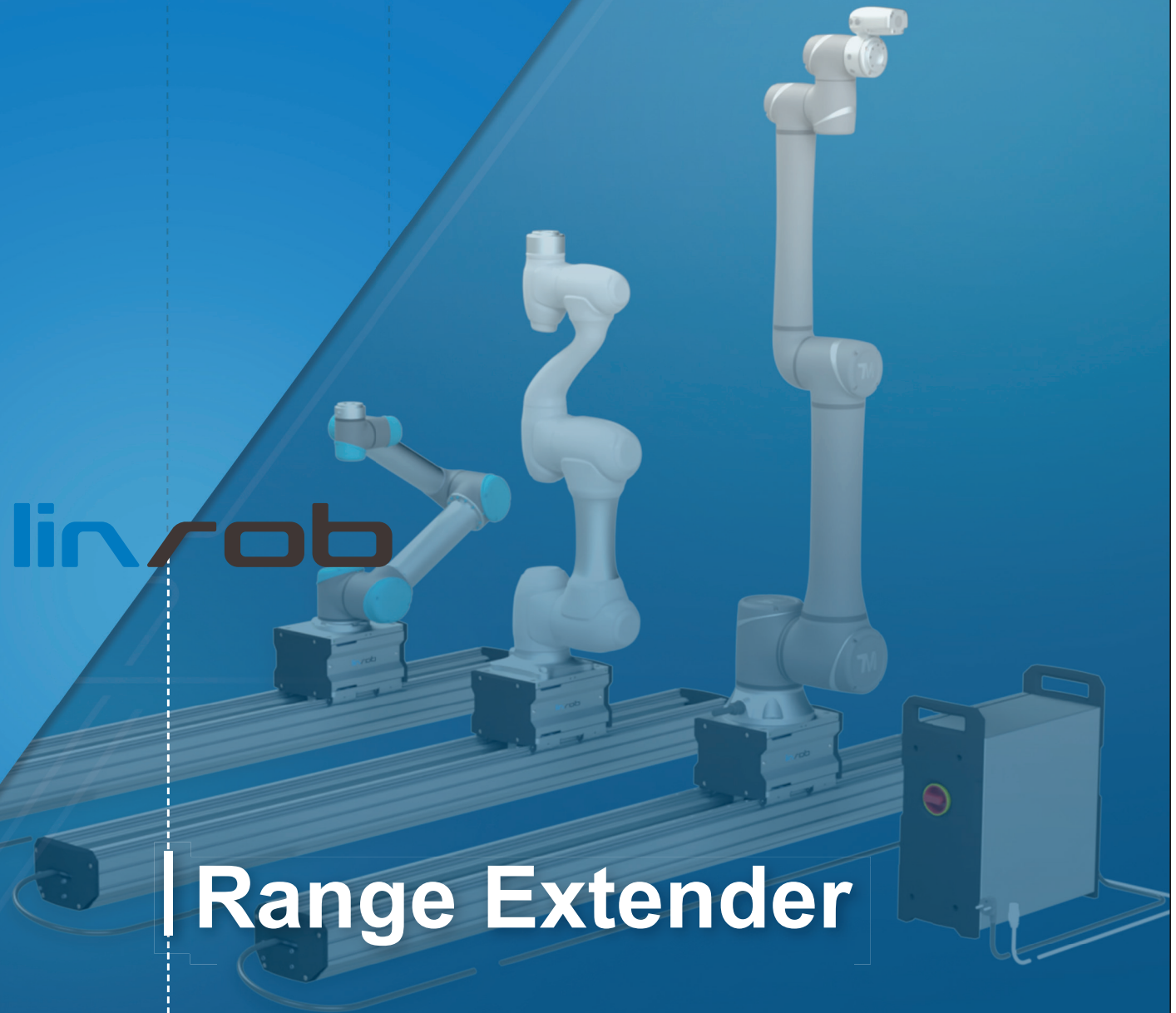


linrob

| Range Extender



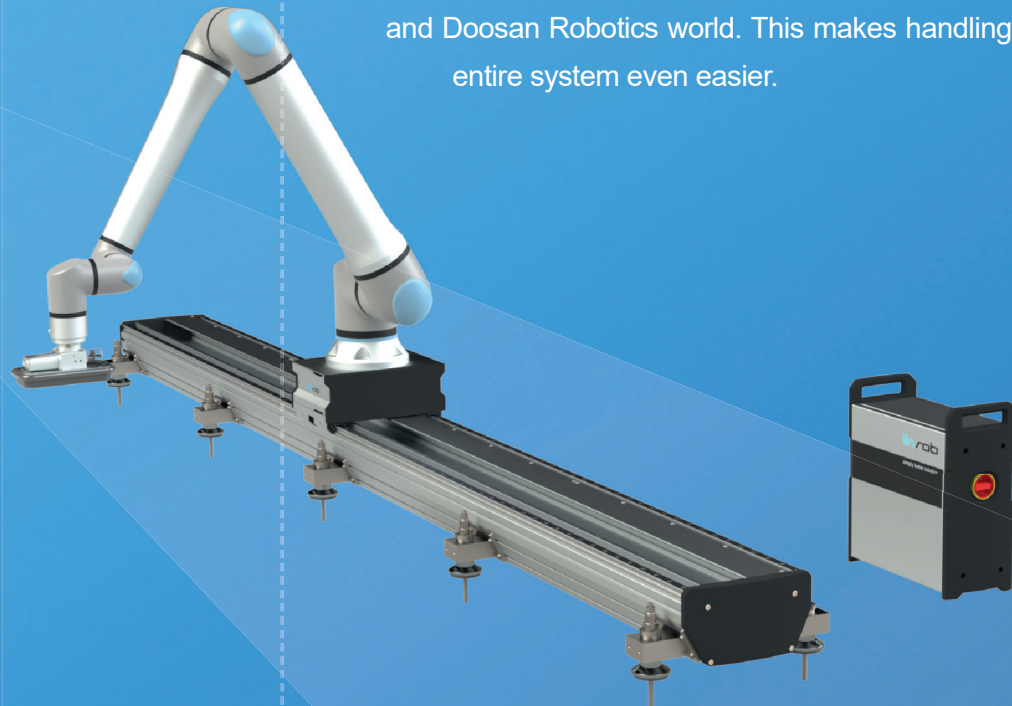


Simply better robotics.

linrob enables almost every cobot and small industrial robot to extend its working volume to up to 80 meters without losing accuracy and ease-of-use. Every linrob linear robot is just as quick and easy to operate as the cobot itself.

With the help of our own Motion Center software, every linrob can be put into operation within a few minutes. In addition, it is also possible to teach and program our linrobs directly from the control panels of some cobots/robots.

We are already fully integrated into the Universal Robots and Doosan Robotics world. This makes handling the entire system even easier.



INFINITIY RANGE:

Achieve an application range of up to 80 meters without losing accuracy.



DIGITAL SERVICES:

A proof of concept is carried out in advance for each application with the help of a digital twin.



EASE-OF-USE:

Each linrob can be programmed by anyone via all common web browsers and fully integrated apps - such as the UR-Cap.



READY-TO-GO:

Every linear robot is delivered ready-to-work within a few days. Assembly and commissioning also take place within a few hours.



SEAMLESS INTEGRATION:

linrob fits seamlessly into any of your applications as an intelligent base-of-arm product. Thanks to common interfaces, any robot or cobot can be easily integrated.



SAFETY INTEGRATED:

Thanks to the plug-and-play system, the integration of safety sensors is easier than ever. This enables co-working between robots and humans.

APPLICATION POSSIBILITIES

WELDING:

- Even hard-to-reach areas can be welded without any problems.
- Medium and large components can be treated as easily as with classic cobot of welding.
- The same applies to bonding, painting, deburring, polishing and similar applications.

PALLETIZING:

- Not just limited to 2 pallets.
- Different products can be loaded directly onto different pallets.
- Higher cycle times are achieved by using multiple axes.

MACHINE LOADING:

- A cobot can also load and operate several machines.
- Working times of the machines are optimally utilized by the Cobot and there is no idle time.

STOCK:

- Shifting of large products also possible.
- Product transport over many meters.
- Automation of the entire warehouse structure.

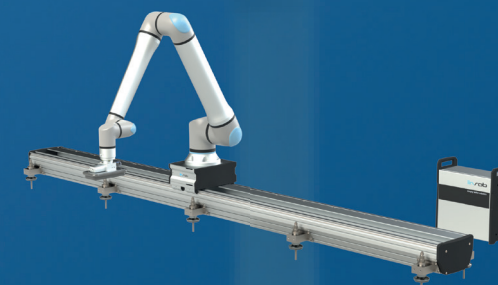
PRODUCTION FLOWS:

- Simple connection of several production steps for even more efficient automation.
- Accessibility guaranteed by different mounting types (ceiling, wall and floor mounting).

AND MUCH MORE.

ADVANTAGES

- Integrated control as standard.
- Suitable for all current Cobot models.
- Also for large cobots, such as the UR20/H2017 or small industrial robots.
- No loss of accuracy, despite significantly greater range.
- Optional built-in linear scale.
- Each linrob only requires a 230V power supply.
- Internal cable trailing reduces the susceptibility to faults.
- Each motor has an integrated brake.
- Each linrob can function both as a slave and as a master, as you wish.
- Proof of concept possible on the basis of a digital twin.
- Optional LED lighting for status monitoring.



linrob

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