



SMART GRIPPING SOLUTIONS FOR ABB

ABOUT WEISS ROBOTICS

In the modern manufacturing world, efficiency is the key to success. The smart servo grippers from Weiss Robotics enable you to take your gripping processes to a new level and significantly reduce your costs at the same time.

Since our foundation in 2008, we have developed from a start-up to a leading specialist for mechatronic gripping systems. As an owner-managed family business based in Ludwigsburg, we develop customized gripping solutions that are specially tailored to the requirements of assembly automation and the pharmaceutical, electrical and food industries.

With our smart integration solutions, you can integrate the servo grippers from Weiss Robotics into your ABB robot application in no time at all. As a result, you benefit from faster commissioning, greater flexibility for changing tasks and a noticeable increase in efficiency in your production.

YOUR BENEFITS:

- + **90% time savings** when integrating your gripping systems thanks to simple plug-and-play solutions.
- + **45 million cycles maintenance-free** – for maximum productivity and minimum downtimes.
- + **Maximum flexibility** thanks to sensorless gripping part detection for a wide range of workpieces.
- + **Smart gripping force control** ensures safe and reliable handling of your components – even with sensitive materials.
- + **Robustness and durability** guarantee consistent quality even in demanding environments.
- + **Intuitive programming directly on the ABB FlexPendant** saves time and makes it easy to get started.
- + **High-tech made in Germany** – quality you can rely on.

SOLUTIONS FOR ASSEMBLY AUTOMATION



Assembly of mechatronic assemblies and components ▪ Joining of components ▪ Bin picking ▪ Handling of optical assemblies ▪ Inline quality control using position feedback ▪ Flexible processing of changing product variants ▪ Inter-linking of assembly processes

SOLUTIONS FOR THE ELECTRONICS INDUSTRY



THT assembly ▪ Production of components ▪ Testing and sorting ▪ Handling of printed circuit boards ▪ Assembly of modules ▪ Use in depaneling machines ▪ Removal of suction aids ▪ Cable assembly and positioning ▪ Handling of displays and sensitive components

SOLUTIONS FOR MEDTECH AND PHARMA



Handling of vials and cartridges ▪ Assembly of medical devices ▪ Packaging solutions ▪ Dosing and filling ▪ Quality inspection, inline documentation ▪ Handling of sterile materials ▪ Sample preparation and sorting ▪ Gripping of microplates ▪ Use in automated pharmacies



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	CLG	CRG	IEG PLUS	WPG	STERIGRIP
Stroke max.	6 mm	50 - 85 mm	20 - 80 mm	100 - 120 mm	24 - 85 mm
Gripping force	10 - 30 N	15 - 200 N	6 - 260 N	100 - 300 N	12 - 200 N
Protection class	IP40	IP20	IP54	IP54	IP67 ISO 3, GMP Class A

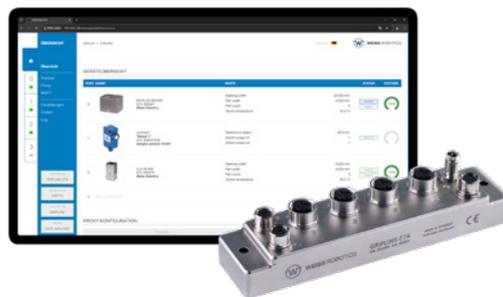
GRILINK TECHNOLOGY

Efficient - future-proof - flexible. With GRILINK technology, integrating servo grippers from Weiss Robotics into ABB robot systems is quick and effortless. The GRILINK controller seamlessly connects your EOAT components to the ABB robot controller, enabling even complex applications to be executed with ease.

Your advantage: reduced effort, lower costs, and enhanced productivity. By replacing costly hardware, GRILINK boosts the availability of your ABB robots. Plus, the intuitive dashboard lets you monitor key parameters and optimize your production process. Elevate your operations with GRILINK and ABB robots for a smarter, more efficient future.



GRIPPER MODULE



GRILINK TECHNOLOGY



PLUGIN



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