

Screwdriving Robot

Screw-driving solution

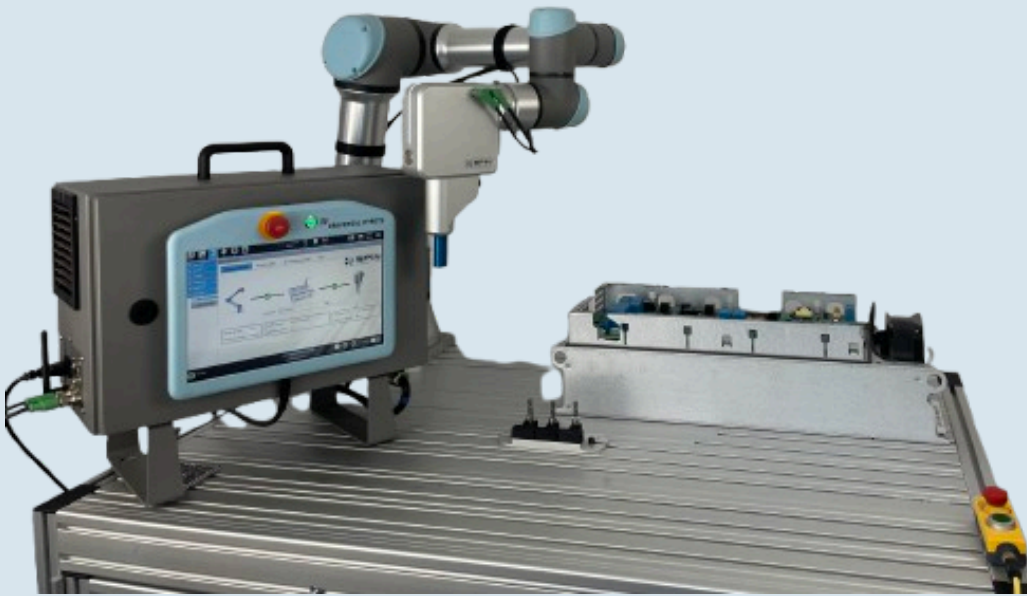


future of assembly

Start automating your manual assembly processes today

&

Be in charge of your automation journey



- **Pre CE certified** – no need for additional risk assessment
- **Truly collaborative** – no extra safety needed
- **Plug and produce** – turn-key solution
- **ROI** – Short Return On Investment
- See it in action



www.spin-robotics.com

future of assembly

Introducing our revolutionary Screwdriving Robot!

Screwdriving Robot: Experience smooth integration and effortless setup with our user-friendly solution. No complicated installations or configurations are required.

CE-marked: Our Screwdriving Robot has met the stringent European safety and quality requirements, guaranteeing its reliability and compliance.

Manpower: Free up workers for other tasks and thereby alleviate the lack of manpower.

Highest safety: Our Screwdriving Robot ensures the utmost safety, meeting the highest industry standards. With us, you can focus on your work without worrying about any compromises.

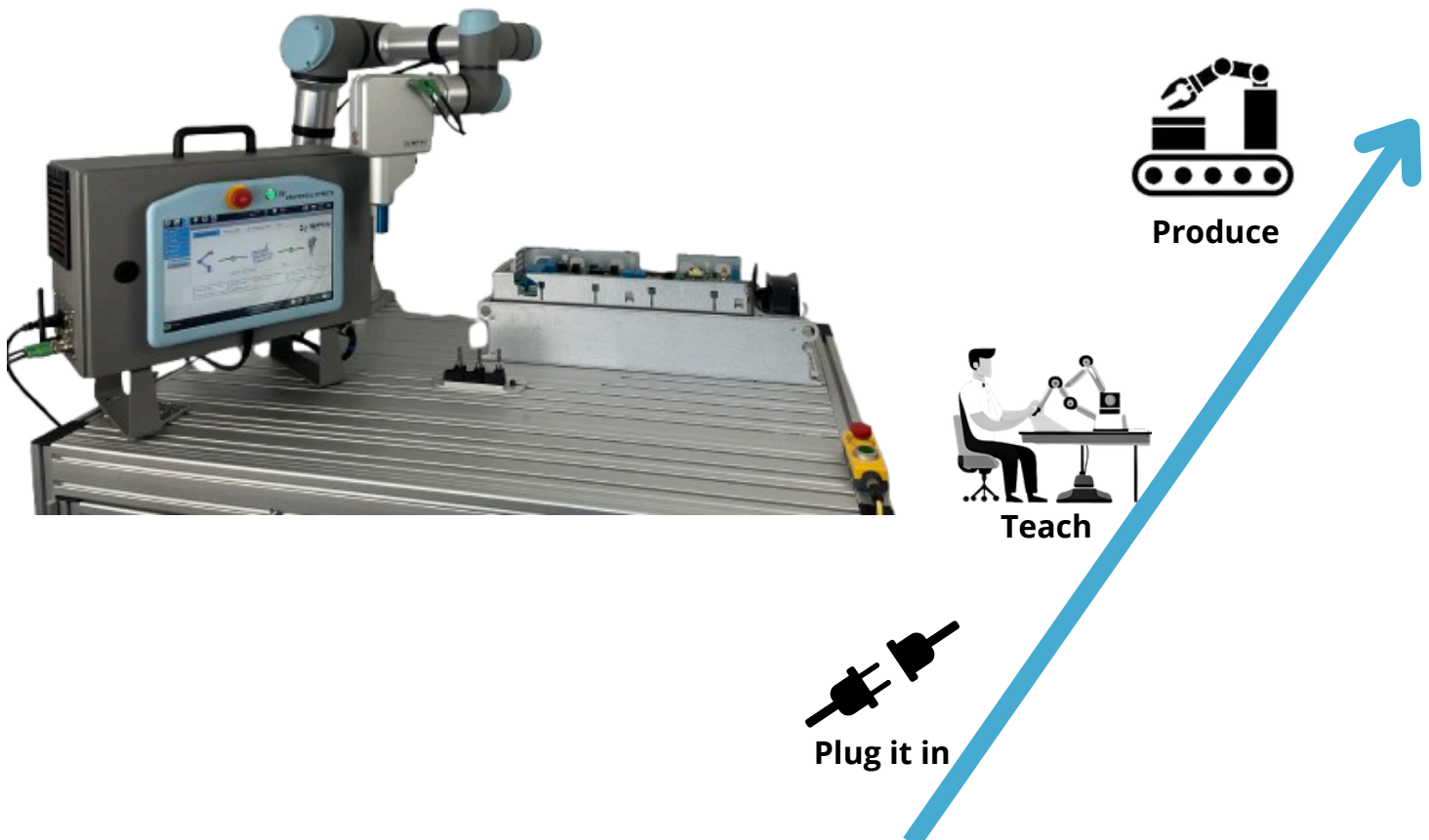
Improve quality: Elevate your production standards and deliver the best results with our cutting-edge technology. With this, defects will be significantly reduced.

Ensure Traceability: Capture and store critical process data, enabling you to make informed decisions and track performance over time. Moreover, you can gain valuable insights and optimize your operations by accessing real-time process data with ease.

Improve output: Boost your productivity to new heights and maximize efficiency with our innovative Screwdriving Robot.

Bit-changer: Adapt to different screws and enhance versatility with our advanced bit-changer feature ultimately making your job simpler.

OPC-UA: Enjoy seamless global connectivity, and access your Screwdriving Robot remotely from anywhere around the globe.



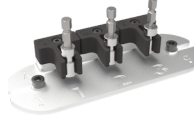
INCLUDED

SD(V) Screwdriving System



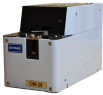
All-in-one screwdriving solution
Check our SD(V) tools [here](#)

Bit changer



Streamline the bit-changing process for greater efficiency

Screw feeder



Streamline the supply of screws

UR3e or UR7e



Seamlessly integrate into a wide range of applications and delivers endless automation possibilities.

SpinDash-Board



Real-time data tracking

SpinMount



Easily switch between End-Of-Arm Tools and optimize your assembly processes.

SpinBridge



Integrated advanced data tracking of past and present insertion data.



OPC-UA explained
Retrieve data to your system
*Optional



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Specifications	SR35	SR50	SR70	SR120
Screwdriving Tool	SD(V)35	SD(V)50	SD(V)70	SD(V)120
Universal Robots Cobot	UR3e or UR7e	UR3e or UR7e	UR3e or UR7e	UR3e or UR7e
Bit drive: Screw capacity:	1/4"/6.35mm hexagonal 50mm M2-M8	1/4"/6.35mm hexagonal 50mm M2-M8	1/4"/6.35mm hexagonal 50mm M2-M8	1/4"/6.35mm hexagonal 50mm M2-M8
Screw length within full safety:	35mm	35mm	35mm	35mm
Torque range: Speed range:	0.2 - 3.5 Nm 15 - 750 rpm	0.5 - 5 Nm 15 - 510 rpm	0.8 - 7 Nm 15 - 375 rpm	2 - 12 Nm 15 - 180 rpm
Digital interface:	URCap included OPC-UA 40451-1	URCap included OPC-UA 40451-1	URCap included OPC-UA 40451-1	URCap included OPC-UA 40451-1
Power:	220/120 V - (50/60hz) 340W	220/120 V - (50/60hz) 340W	220/120 V - (50/60hz) 340W	220/120 V - (50/60hz) 340W
ESD Safe:	IEC 61340-2-1:2015	IEC 61340-2-1:2015	IEC 61340-2-1:2015	IEC 61340-2-1:2015
Robot Reach in mm	500 (UR3e) - 850 (UR7e)	500 (UR3e) - 850 (UR7e)	500 (UR3e) - 850 (UR7e)	500 (UR3e) - 850 (UR7e)
Weight				
SD(V) Tool:	2.4kg	2.5kg	2.6kg	2.7kg
Cobot (UR3e & UR7e)	11.2kg & 20.6kg	11.2kg & 20.6kg	11.2kg & 20.6kg	11.2kg & 20.6kg
Screw feeder:	3kg	3kg	3kg	3kg





Customers:

GRUNDFOS 



 **BOSCH**

 ELVEZ

Danfoss

Vestas

KTM

FUTURE OF ASSEMBLY

Our mission is to revolutionize screw-driving in assembly through a truly safe employee-robot collaboration.

We aim to close the gap between humans and robots in assembly lines by introducing innovative and smart collaborative tools that improve working conditions among employees while at the same time increasing assembly quality and output.

With our tools, we provide benefits for both employees and manufacturers.

Let's work together on the future of assembly!

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