

AI VISION MAKES THE DIFFERENCE.

tog.ether we pick with pace.



915-tog



SCHUBERT

THE SCHUBERT COBOT

The award-winning tog.519 from Schubert represents an innovative solution for future-focused automation. Combining speed, artificial intelligence, reliability, and flexibility, this compact cobot offers a small footprint with impressive performance.

Making it the ideal choice for use as a standalone system or as an integrated component within an existing production line.

Designed specifically for pick-and-place tasks, the 5-axis SCARA robot utilizes intelligent, AI-supported product recognition, to pick, position, and distribute unsorted, completely randomised products from a belt or a bin.



1.6m
1.6m
FOOTPRINT

UP TO
90
CYCLES
/ MINUTE

COMPACT DESIGN

Despite its large working area, the system has a small footprint.

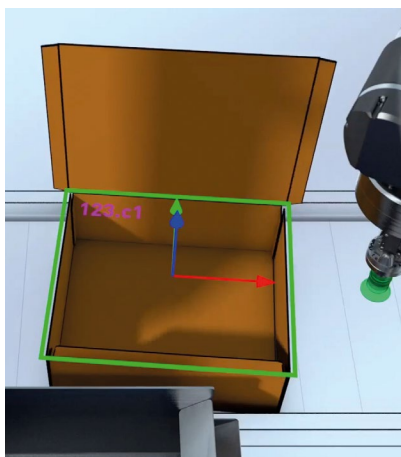
FLEXIBLE TOOLS

Product-specific tools are readily available within the safety cell and can be changed in seconds.

FULLY INTEGRATED COMPONENTS

The tob.519 requires no additional control cabinet; all components are integrated directly into the cell, ensuring a simple and streamlined setup.





POWERFUL AI-SUPPORTED ROBOT SYSTEM

- / Equipped with advanced AI-driven 3D image processing, the tog.519 can identify products and automatically determine the next object to pick.
- / The inclusion of deposit tracking ensures precise targeting even for irregularly arranged items.

READY FOR QUICK AND FLEXIBLE DEPLOYMENT

- / The tog.519 features a user-friendly plug-and-play setup. With minimal adjustments, the tog recognizes and adapts to the production environment swiftly, enabling rapid deployment and productivity.
- / This mobile, self-contained system can be flexibly integrated into any production environment, whether in a safety cell or as an addition in front of or behind existing machinery.
- / The tog.519 is built up of modular components that are also available individually, providing numerous possibilities for existing systems. The open interfaces facilitate compatibility with various machines and processes, enhancing the versatility of your automation setup.

APPLICATIONS

- / Filling boxes and trays
- / Loading conveyors
- / Setting up packaging materials
- / Integrators looking for efficient automation solutions

**LEARN
MORE**

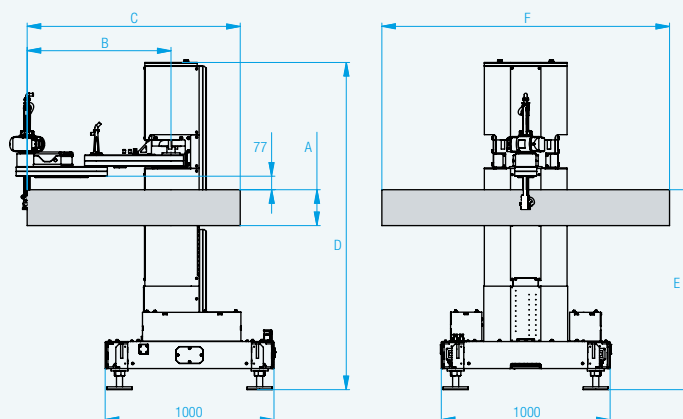


TECHNICAL SPECIFICATIONS OF THE TOG.519

Description	V1	V2
A Working Range (Hub Rod)	212.5 mm	283 mm
B Arm Length	760 mm	852 mm
C Working Range (Depth)	1135 mm	1227 mm
D Cobot Height *	1890 mm	2190 mm
E Working Range (Top Edge) **	1160 mm	1460 mm
F Working Range (Width)	1520 mm	1704 mm

* The arm can be mounted in 25 mm increments vertically to suit needs.

** The height shown refers to the bottom edge of the retracted flange in the top position of the hub rod.



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