

Station **SMF** Tabletop robotics “Smart Micro Factory”



□ **Compact solution**

The use of innovative automation solutions allows us to offer you a fully embedded solution in a compact and ergonomic tabletop station.

□ **Ultra-low power consumption**

Thanks to the use of the latest generation, efficient and compact components, these stations are particularly economical, their average power consumption is less than 80W!

□ **Custom configuration**

We configure these stations according to your needs: Assembling, quality control, metrology, special processes, etc.

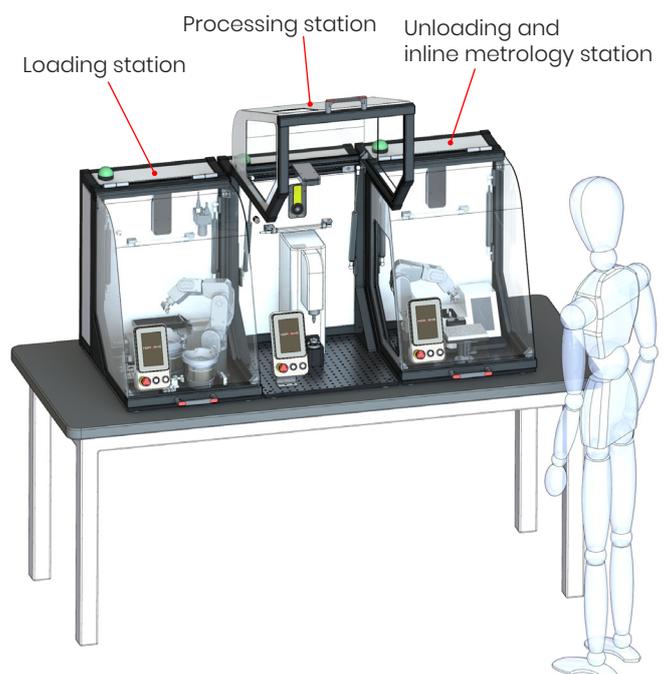
□ **Low-cost production**

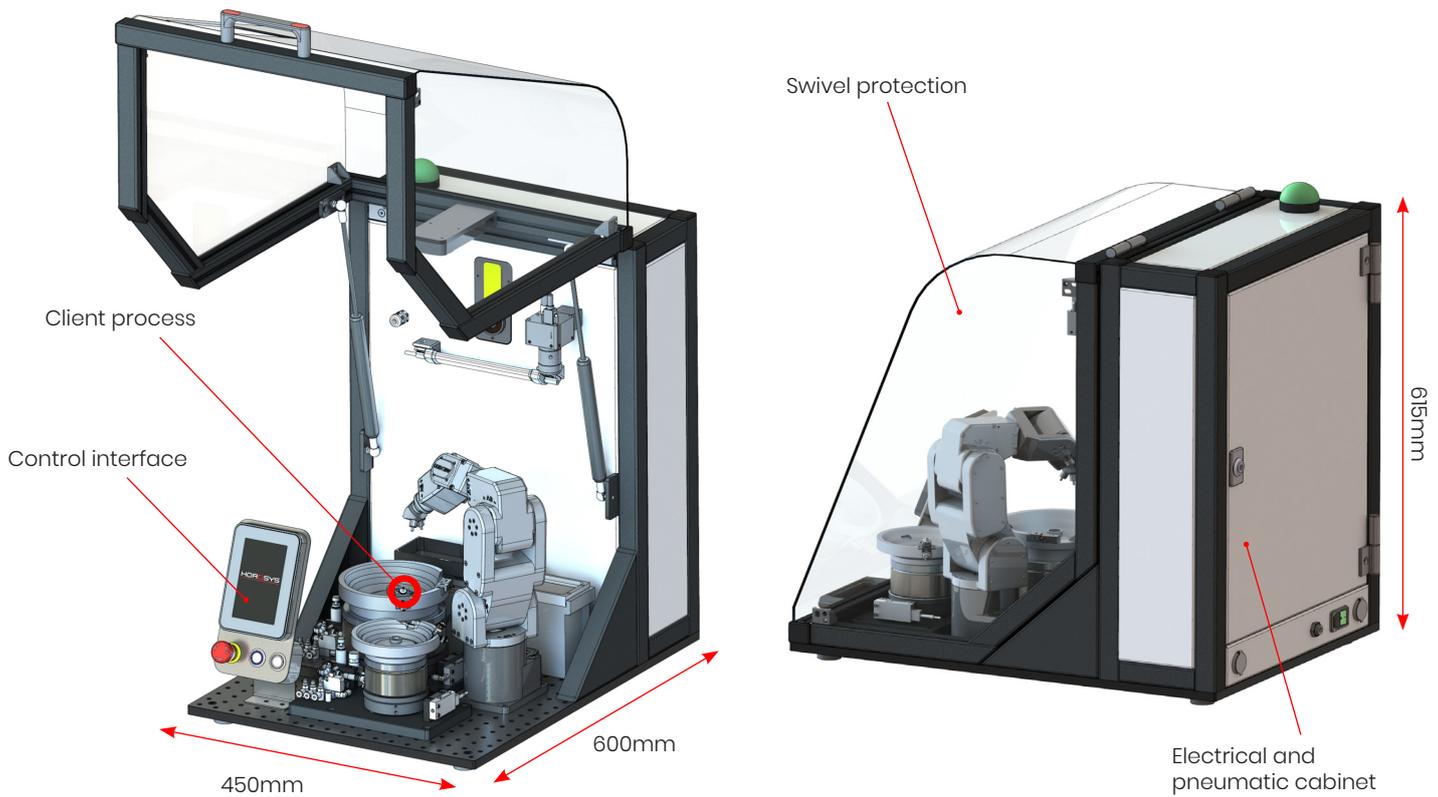
Thanks to a design adapted to process automation on small & medium size components, these stations allow you to carry out your production at a reduced cost.

□ **Tabletop production line**

Configurable and modular according to your needs, all you have to do is assemble and connect your stations to create a complete production line that fits entirely on a table!

These stations are particularly suitable for the production of small to medium series.





Technical data

Dimension	450x600x615mm (LxPxH) / Special sizes on request
Ergonomics	5" touch interface for production control (HMI also available via web interface) / Swivel protection for optimum access to the process area
Safety	Interlocking on the swivel guard for maximum safety
Connectivity	Interconnection of multiple stations possible via OPC UA / HMI and diagnostic functionality available from a web server
Power consumption	<80W / 230V single-phase (example of an average consumption of a station equipped with 1 robot, 2 vibrating bowls and 1 camera)
Automation	B&R Automation (other system on request)
Robotics	Ultra-compact 6-axis robot Meca500 (Repeatability: 5µm)
Example of station configuration	www.horosys.ch/produits/station-smf-en/