

SWISS FLEXIBLE AUTOMATION SOLUTION



INDUSTRY 4.0
— R E A D Y —

The pick & place production machine for watch parts

DESCRIPTION

Designed for watch parts handling operations, the **Watchparts pick & placer** machine is compatible with parts of different geometries, made from different materials.

Supplied in bulk or on part trays, the parts are positioned in a machine tray or customer-specific fixture. The machine can be equipped with tray feeding systems, various flexible supply units, and other modules as an option.

ADVANTAGES



Turnkey

The equipment is designed to easily adapt to the parts.



Easy to use

The operability of the equipment is optimised thanks, in particular, to the integrated flexible feeding systems.



Flexibility

The machine can handle parts of different geometries, from 0.1 to 50 mm.



Performance

This efficient solution is fast and accurate.



Modularity

The standard modules are compatible with additional options.



Reliability

Compact, flexible machine design, based on the standard elements of the CP Series platform.



Traceability

Communication is possible with a MES or CAPM system.



Service

Assistance via remote maintenance and diagnostic.



HANDLING

Magnetic encoders

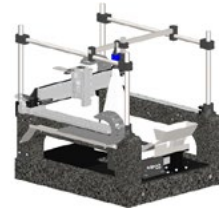
Optical encoders



HANDLING & VISION

Magnetic encoders

Optical encoders



TECHNICAL FEATURES

Cell dimension	1000 x 1100 x 2000 mm (L x D x H)
Power supply	3 x 400 VAC / 25 A / 50 Hz
Pneumatic air supply	6 bar
Weight	800 kg
User interface	intuitive, user-friendly software with 21" touchscreen
Modules SG-3, SGS-3 (XYZ) Modules SG-4, SGS-4 (XYZθ)	granit support with motorised linear axes XYZ work zone : 460 x 600 x 80 mm resolutions, XYZ axes : 1 µm repetability, XYZ axes : ± 2 µm absolute precision, XYZ : ± 8 µm
Modules GOE-4, GOES-4 (XY;YzZ) Modules GOE-5, GOES-5 (XY;YzZθ)	granit support with motorised linear axes XYZ work zone : 460 x 600 x 80 mm resolutions, XYZ axes : 1 µm repetability, XYZ axes : ± 2 µm absolute precision, XY : ± 2 µm ; Z : ± 8 µm
Options	3-axis vibration feeder (asycube 50, 80 or 240) intermediate control camera placement control camera

TECHNICAL DRAWING

