

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

Remote assistance for diagnostics and intervention.

SWISS FLEXIBLE AUTOMATION SOLUTION



**HANDLING**

Magnetic encoders

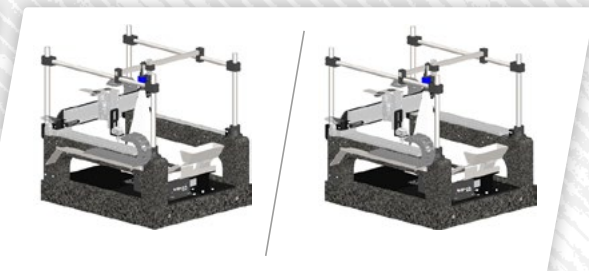
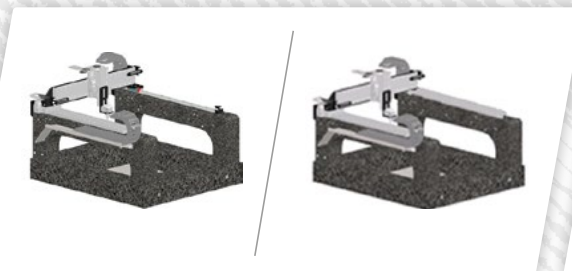
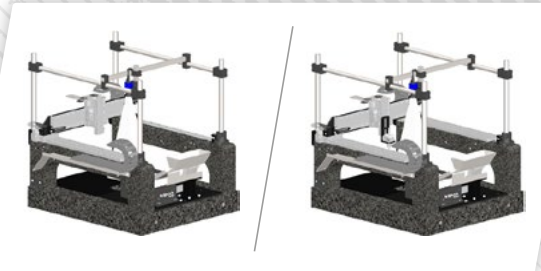
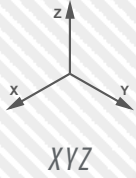
Optical encoders



**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 repeatability, 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 repeatability, 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**

