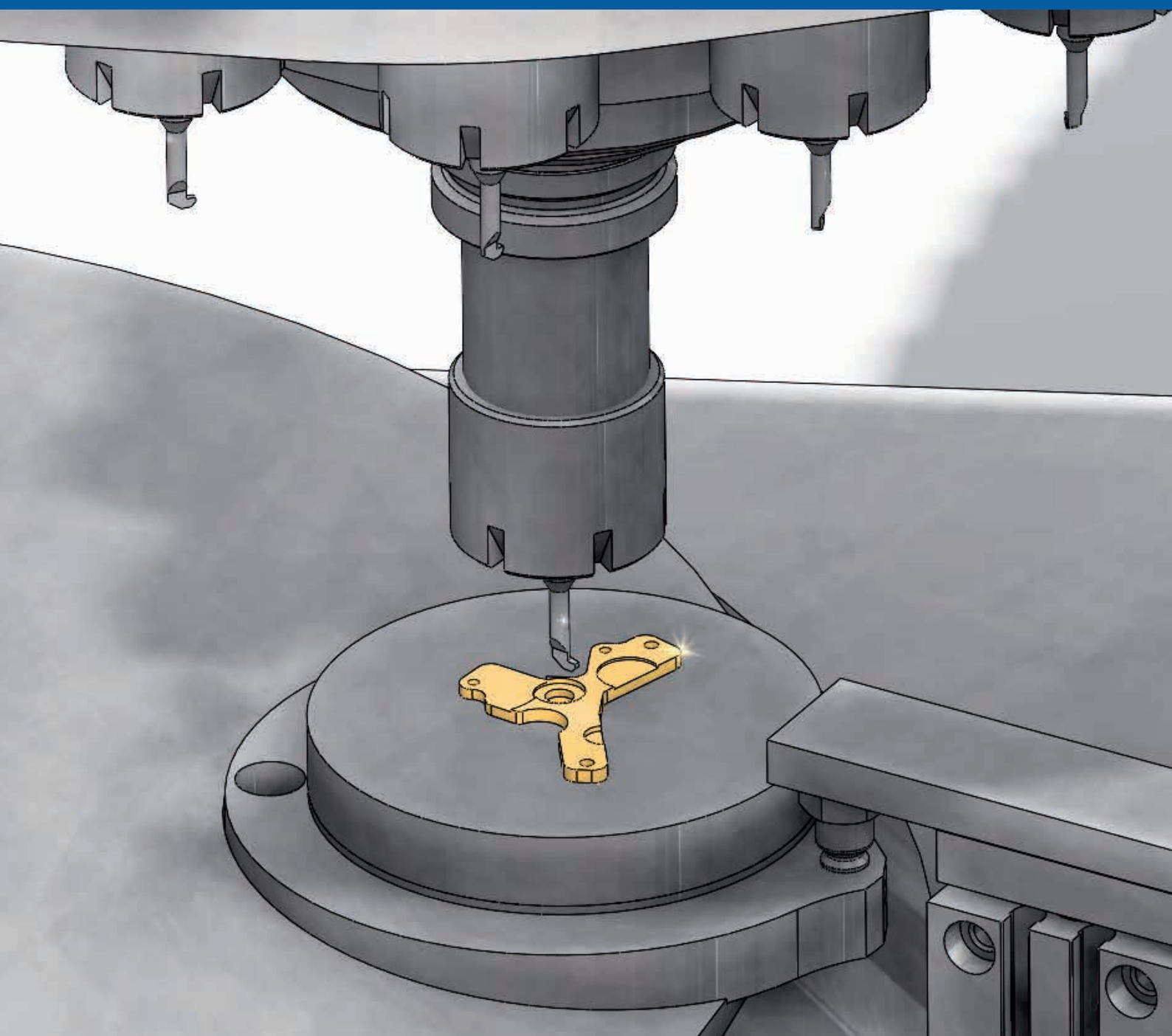


◀ WATCHMAKING ▶



# MAGIC 2

Compact workstation : **secondary operations and decoration of watch parts**

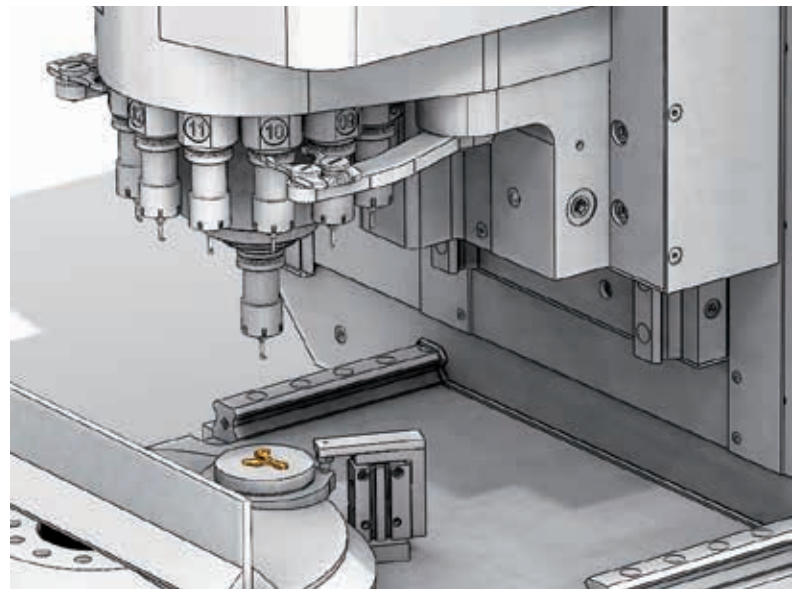


MAGIC is a bench-type machine dedicated to all types of **secondary operations on watch parts or very small pieces**. An ergonomic workplace standard to SUVA (SNV) normes provides working **comfort for the operator**. The concept allows integration of a **loading/unloading automatic robot**.

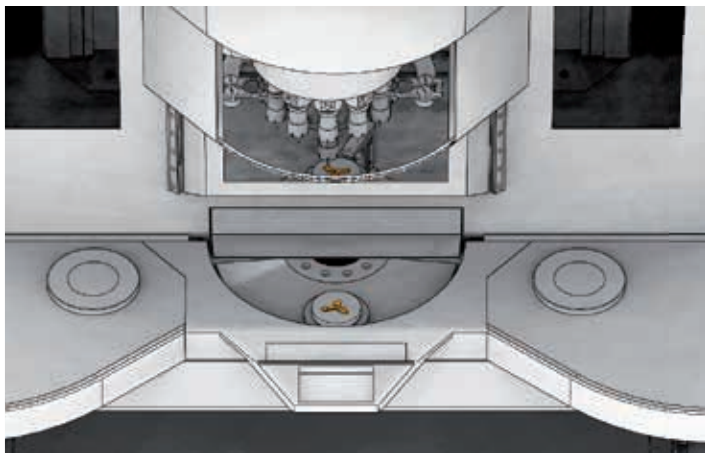


## CONFIGURABLE MACHINING UNIT

- 3 axis cast Iron machining unit.  
(Strokes X / Y / Z = 210 / 110 / 100 mm)
- Horizontal or vertical spindle bearer :
  - 1 to 3 HSK25 spindles - 50 000 rpm with automatic tool clamping.
  - OR
  - HSK25 spindle - 50 000 rpm with 12 positions tool changer.
  - OR
  - HSK25 adjustable manually spindle, included encoder for positions reading.
- Clamp parts by vacuum or press-side.
- Ejecting pieces automatically at loading station.
- Sensor for automatic measurement of the height of the fitting.
- Sensor for semi-automatic length measurement of tools.



## MASKED TIME LOADING



A rotary table allows loading in masked time. A double-walled door prevents the user to access the machining area during the cycle and thus allows a safety loading.

Dimensions (L x l x h) : 1570 x 1270 x 1680 mm

Precision : +/- 1  $\mu$ m

Machine Capability : CMk = 1.8 to 6 Sigma on localisation at 0.01 mm



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