

modulo5

The modular 5-axis linear transfer machine for fully automated production.



Our new **modulo5** is a 5-axis linear transfer machine able to combine machining processes such as milling, turning, boring and grinding in a single operation and to completely machine the workpiece on 6 sides. Each manufacturing unit is equipped with two 5-axis processing units and has its own control system, as well as automated pallet handling. Since **modulo5** is fully automated, production can continue around the clock, 7 days a week.

Due to its high power density (13kW per spindle) and because it occupies a very small foot print, **modulo5** offers an extremely competitive solution for the production of your workpieces from small batches to mass production.

THE MAIN MODULES OF **modulo5**

modulo5 ATC



- Flexible processing unit
- Chain tool changer for 48-120 tools
- 2 processing units per module

modulo5 RE



- Turret head with 2x10 tools
- High precision
- High productivity
- 2 processing units per module

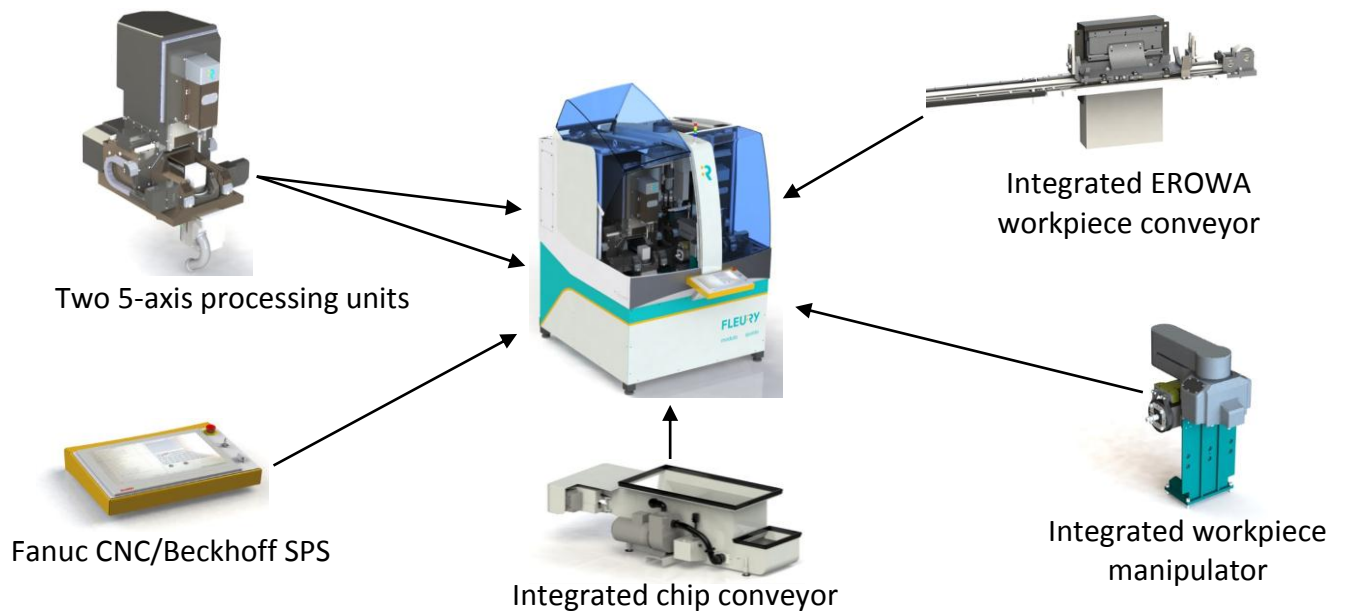
modulo5 AL



- CNC boring station
- Precision vertical turning
- 2 processing units per module

THE INTELLIGENT ELEMENTS OF **modulo5**

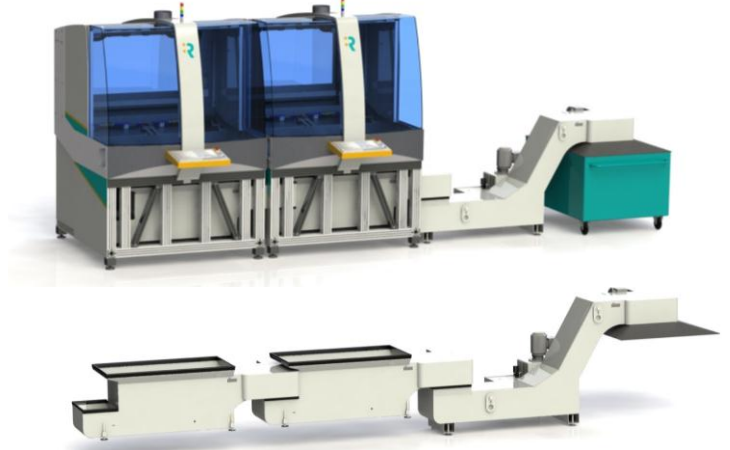
The integrated basic elements of **modulo5** are the key to precise, high-quality production.



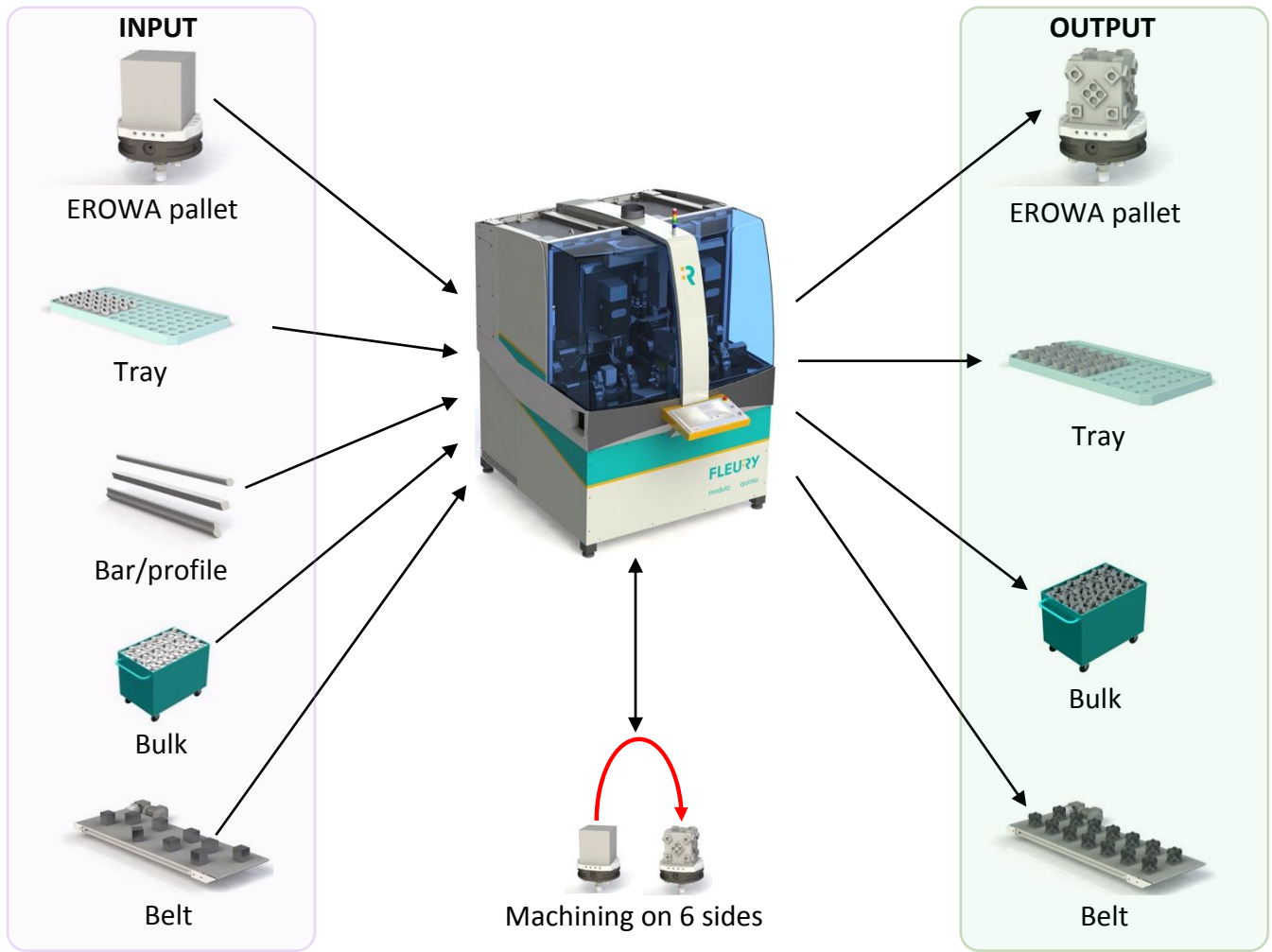
Integrated modular conveyor system with EROWA pallet



Integrated modular chip conveyor system

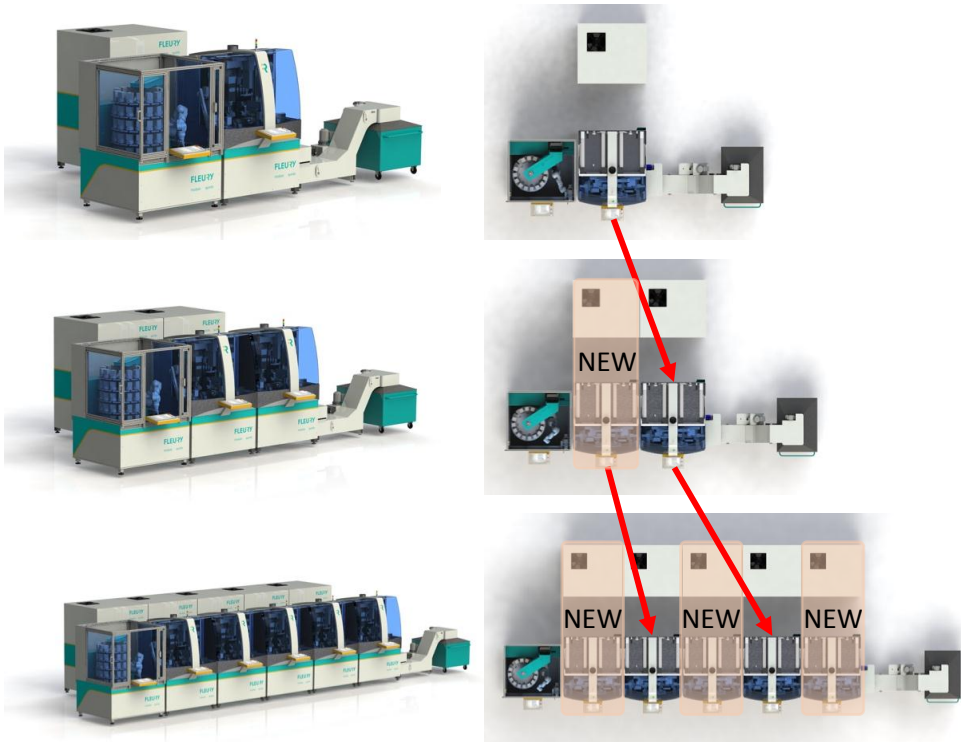


UNLIMITED INPUT/OUTPUT MODES TO SUIT YOUR NEEDS



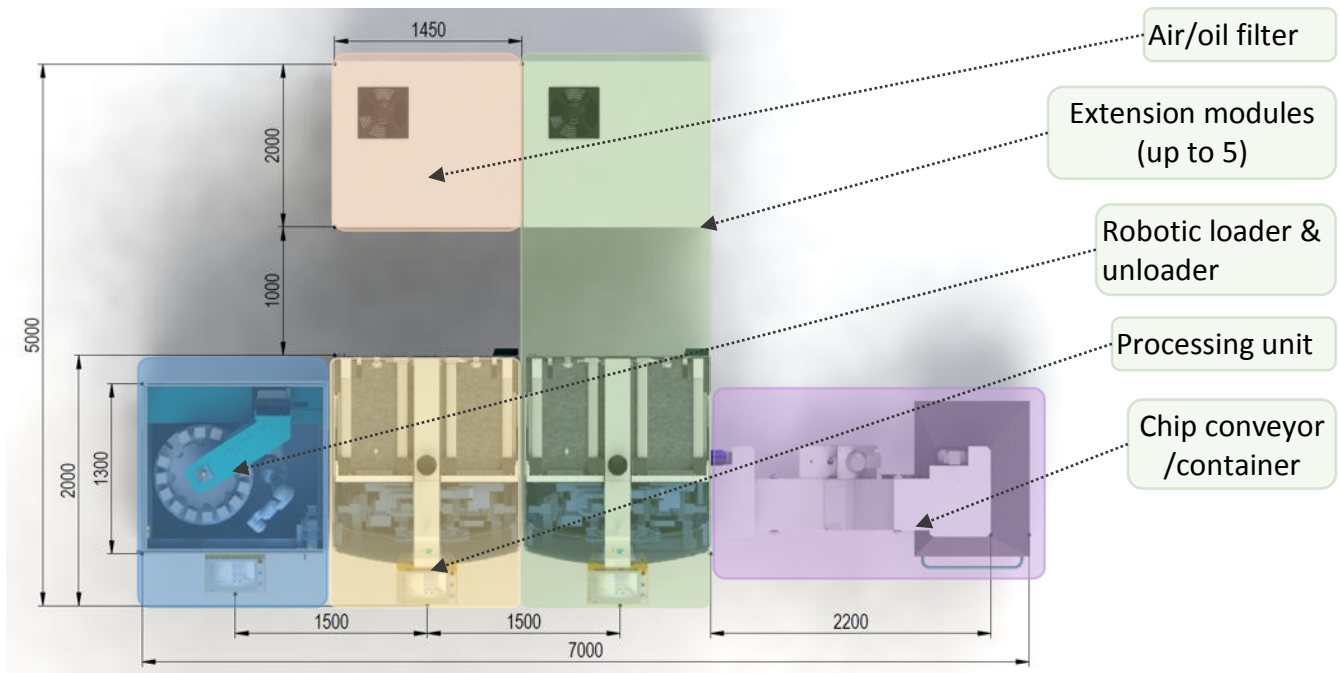
THE MODULAR CONCEPT OF **modulo5**

modulo5 consists of numerous manufacturing modules which enable you to create your own machinery configuration of varying lengths and types of modules according to your needs. Add or remove modules in less than an hour.

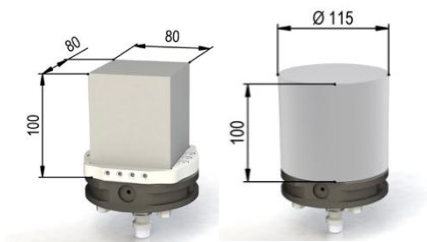


LAYOUT

With **modulo5** we offer you an ideal solution with a small foot print: one manufacturing unit, which includes the loader, chip conveyor and the air/oil filter, occupies just 27.5 m².



WORKPIECE DIMENSIONS AND CHUCK



- Cubic part size max. (L x W x H): 80 mm x 80 mm x 100 mm
- Cylindrical part size max. (D x H): Ø 115 mm x 100 mm
- Chuck: EROWA ITS 100

Give us a call! We'll draw up a production study for your parts on modulo5. We look forward to discussing your future projects with you.



FLEURY

machines et composants

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