

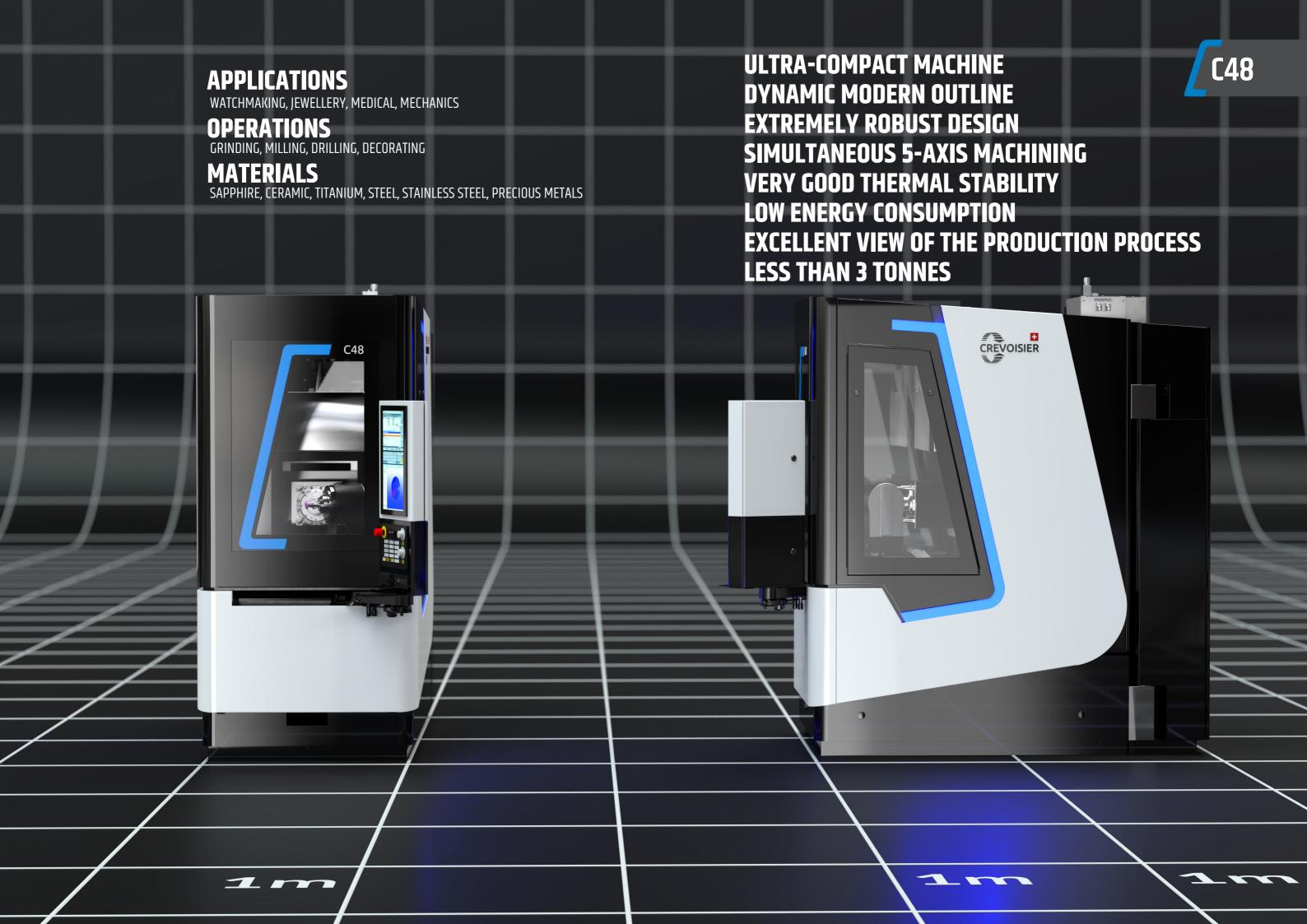
C48

COMPACT GRINDING CENTRE FOR GREENER, FASTER, MORE EFFICIENT AND SMARTER PRODUCTION

LINEAR TECHNOLOGY







STROKES

X axis: 325 mm

Y axis: 230 mm

Z axis: 180 mm

B axis: ±150°

C axis: 360°

FEEDRATE

X, Y, Z: 180 m/min

B, C: 1200 rpm

ACCELERATION

X, Y, Z: 3 m / sec²

B: 15 rad / sec²

C: 300 rad / sec²

DRIVE

X, Y, Z: Linear motor

B, C: Torque motor

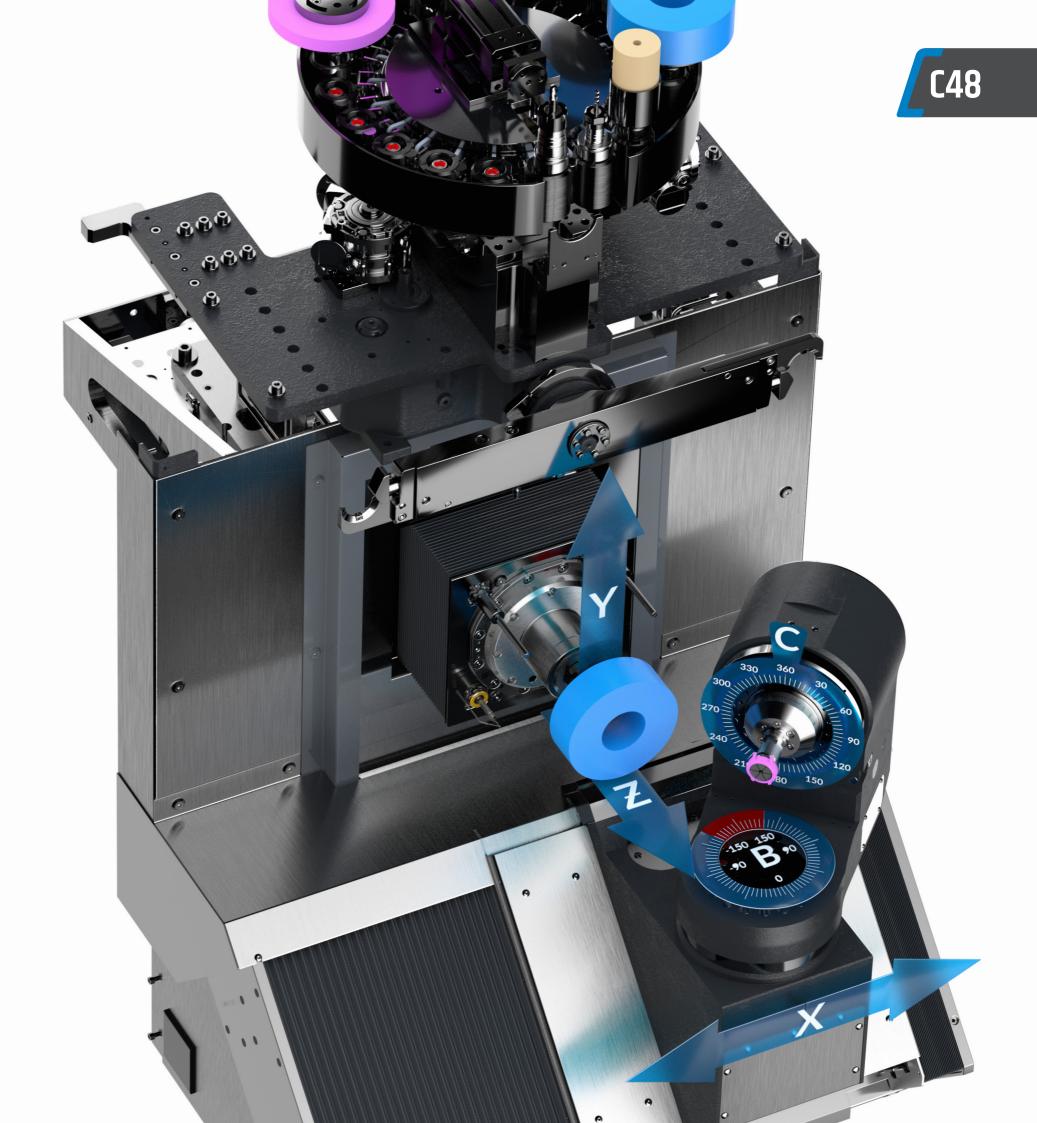
All the motors are cooled by the water circuit

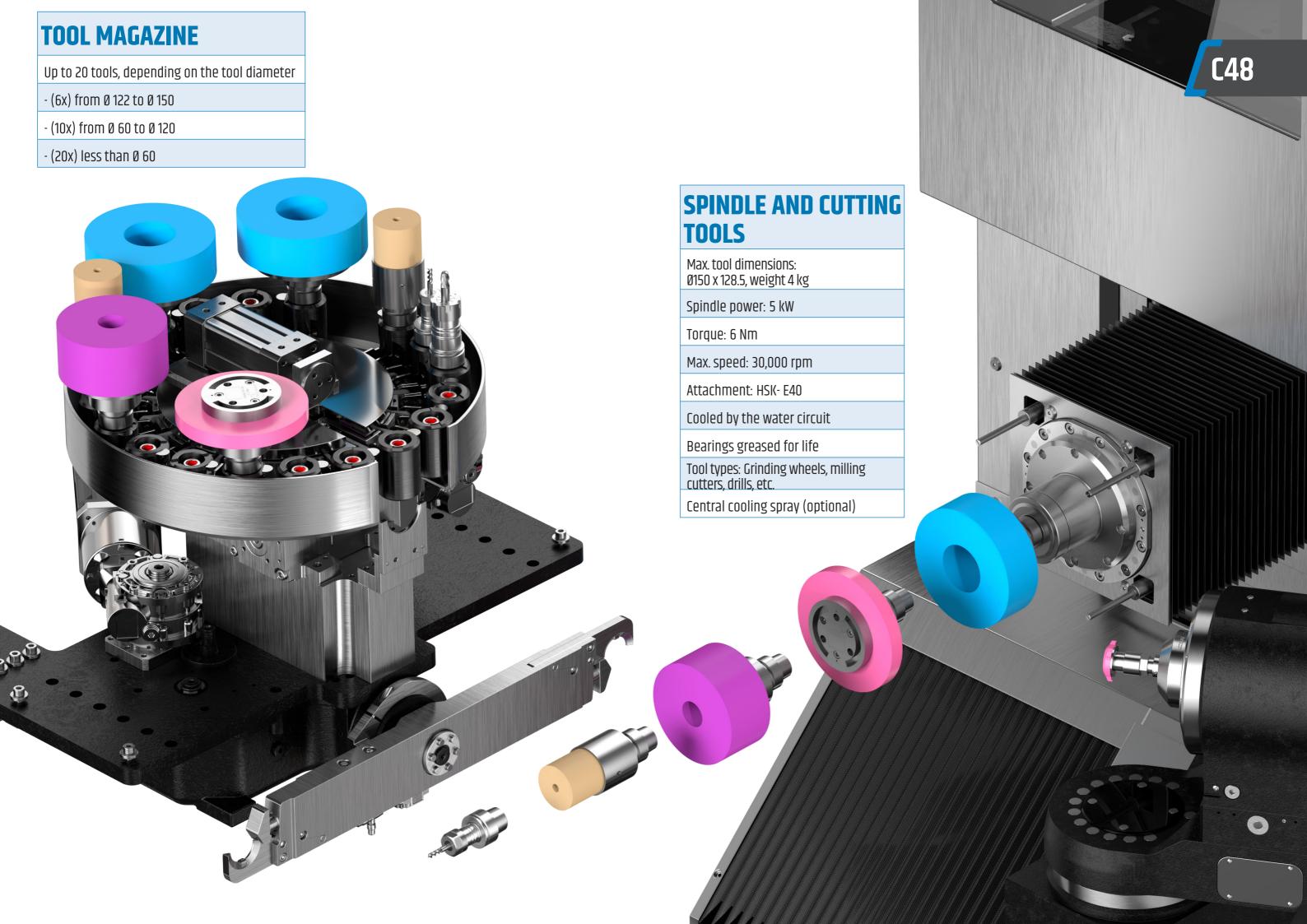
PRECISION

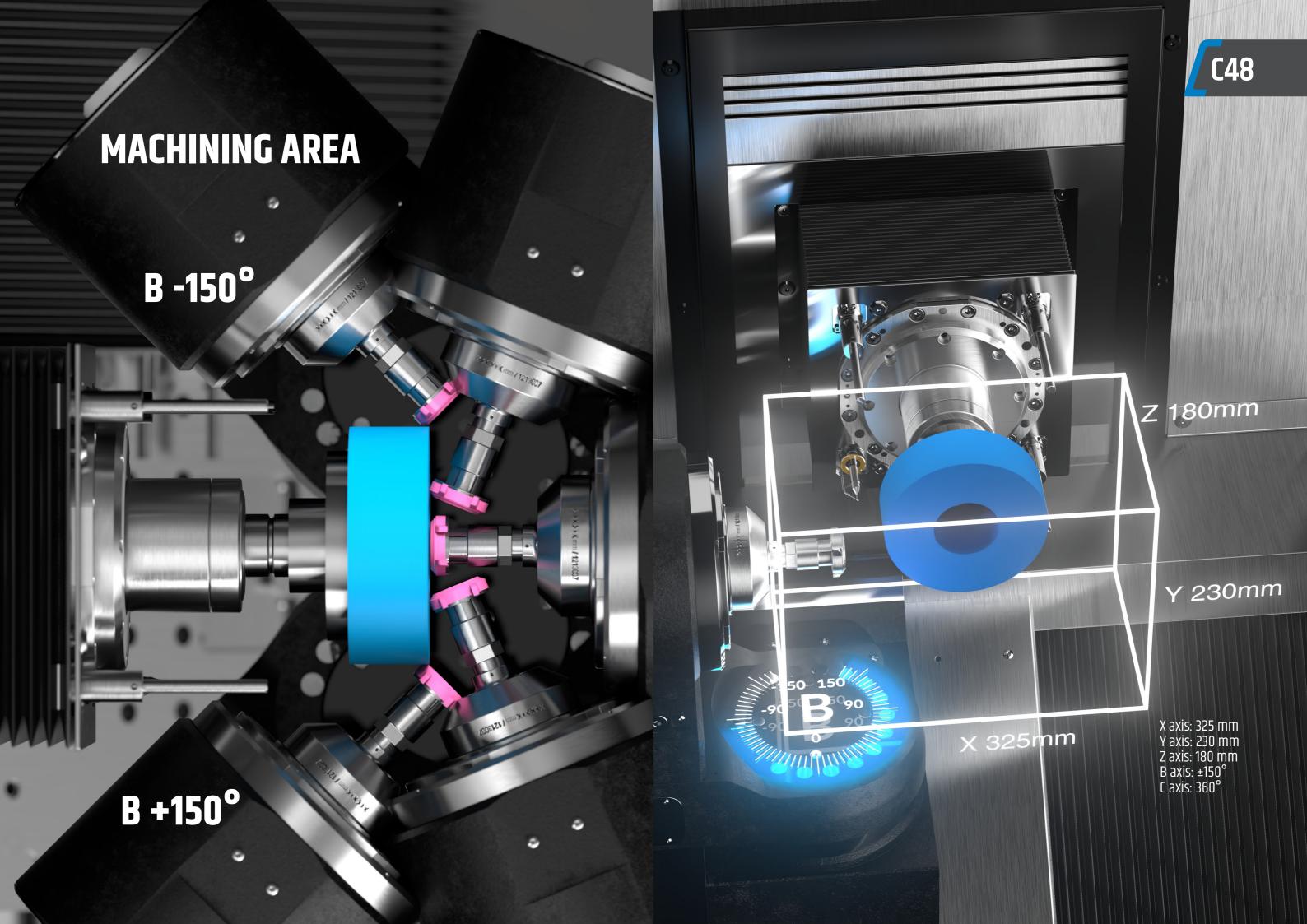
Absolute encoder

X, Y, Z: \pm 2 μ

B, C: ± 2 μ

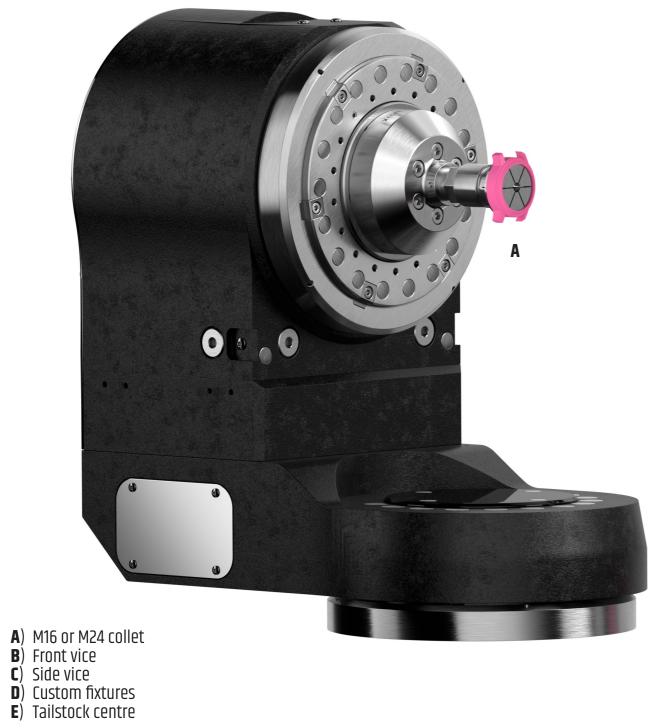






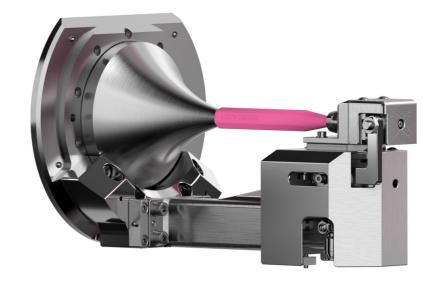
PART CLAMPING

- Automatic clampingHolding force setting via the HMIMultiple tools to choose from (optional)Palletisable



Multiple bases to choose from (optional) - 3R system - Yerly

- Erowa



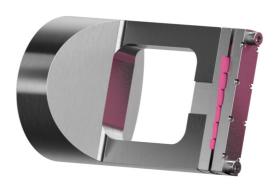
Ε



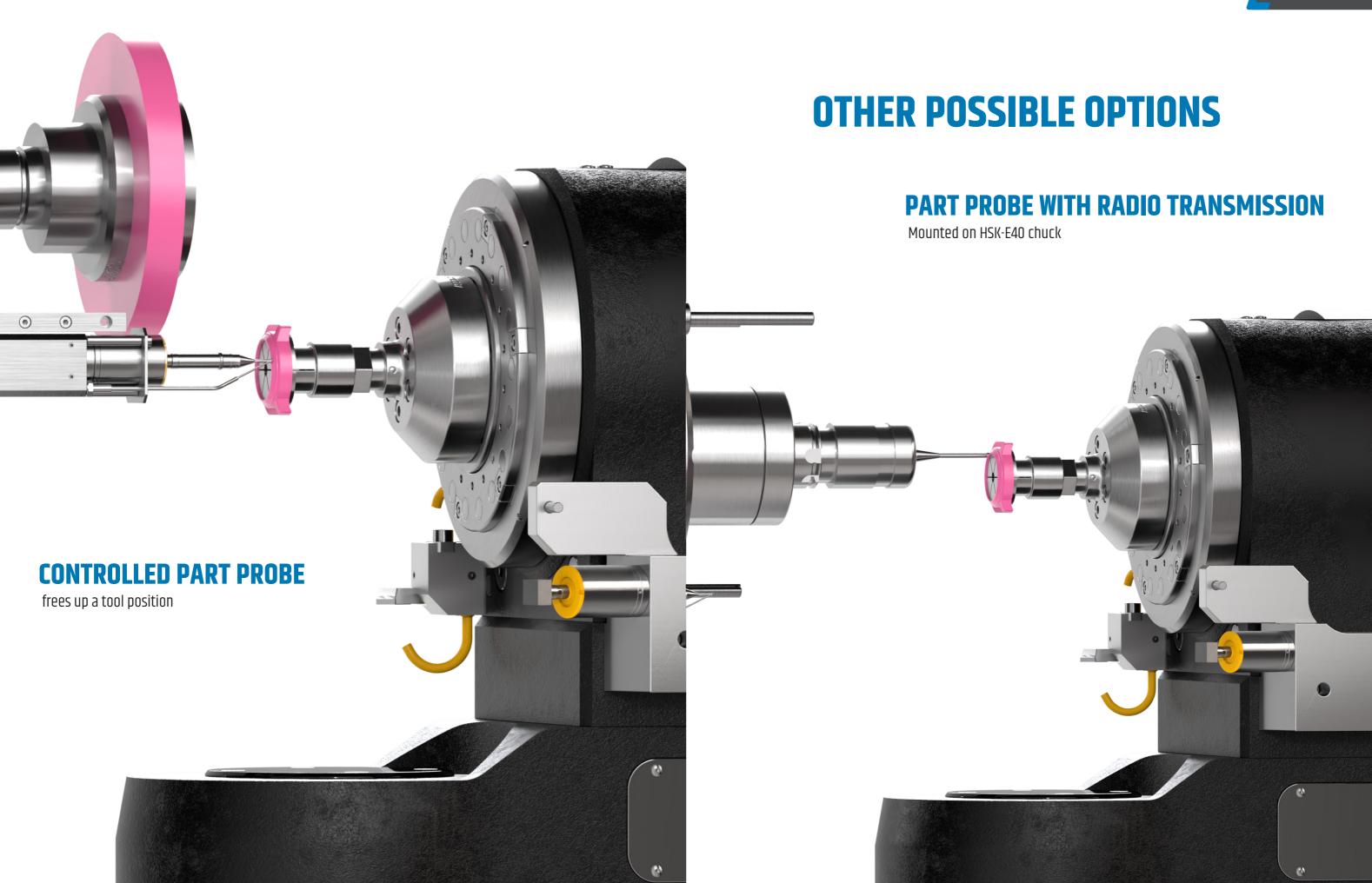






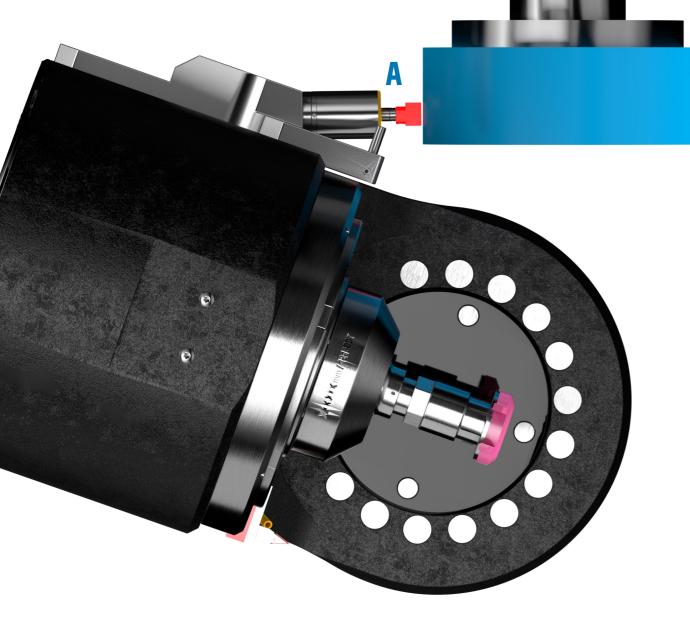






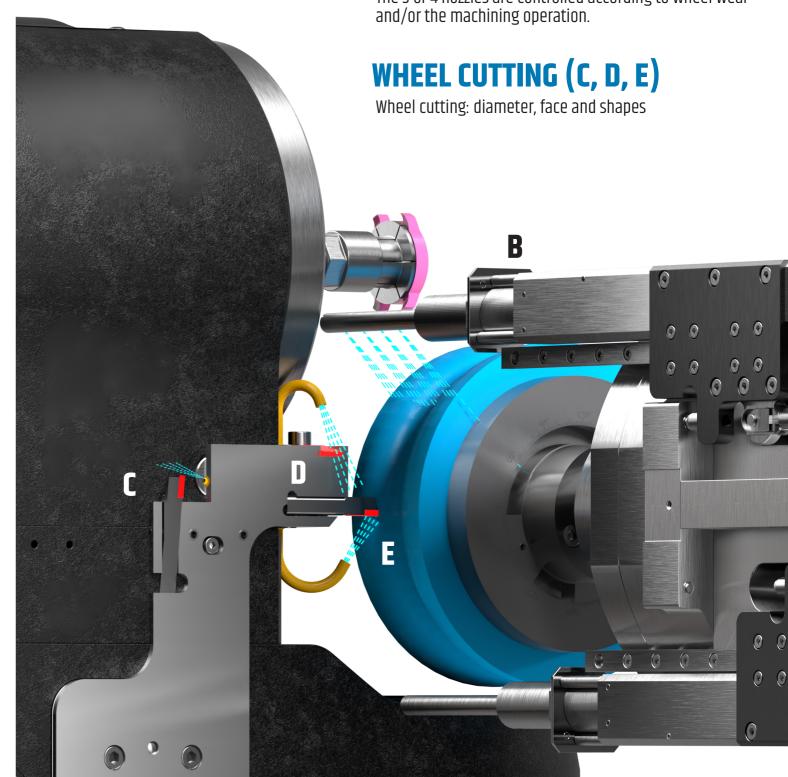
OTHER POSSIBLE OPTIONS





CONTROLLABLE COOLING NOZZLES (B)

Smart cooling spray.
The 3 or 4 nozzles are controlled according to wheel wear and/or the machining operation.



AUTONOMY

Combine your C48 with the C924 loading robot and enjoy 24/7 autonomy

Pallet or loose feed (conveyor, hopper, vibrating bowl)

Vision pack for checking, location, measurement or traceability

Checking laser

SPC drawer

Precious material security system

Turnover and alignment station

Cleaning by vaporisation, brushing and blasting

Multi-gripper and multi-clamp magazine

35 pallets

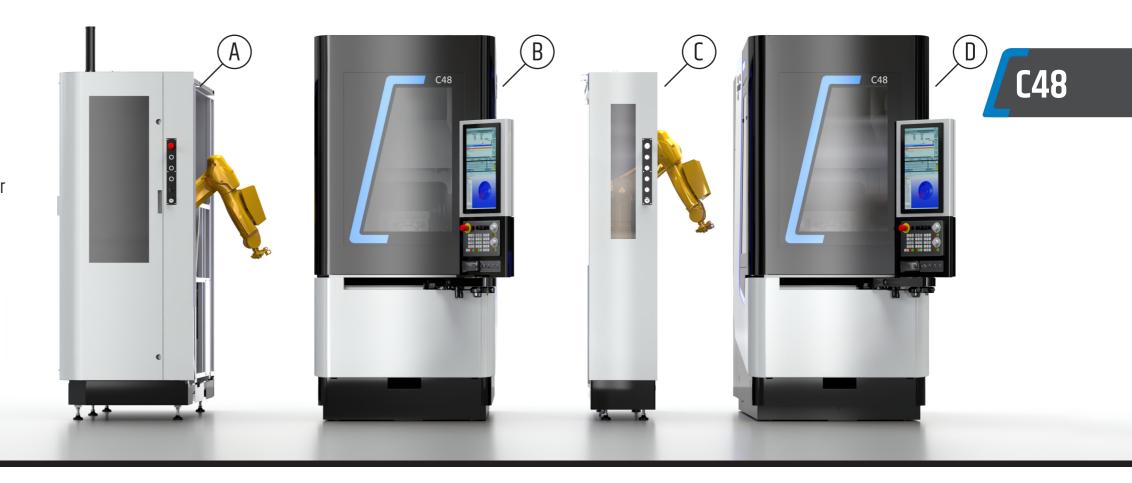
Loose loading



MODULARITY

Optimise your productivity with our innovative solution: Align several C48 machines in a side-by-side configuration to create an efficient linear transfer line, and maximise your efficiency.

A) C924 loading robot B and D) C48 grinding centre C) Connection for transferring parts and/or fixtures in both directions





TRANSFER LINE CONFIGURATION





SENSOR





MONITORING TOOL



Machining, grinding and finishing centre The versatility of a Swiss army knife, for the full package



Finishing centre in several configurations
An economic solution for tackling new challenges



Collaborative polishing cell developed by polishers for polishers



Compact loading cell equipped with a polyarticulated robot compatible with a wide range of machines of all brands



Polishing station available in several configurations, and with a vast choice of accessories to carry out any finishing work you need

