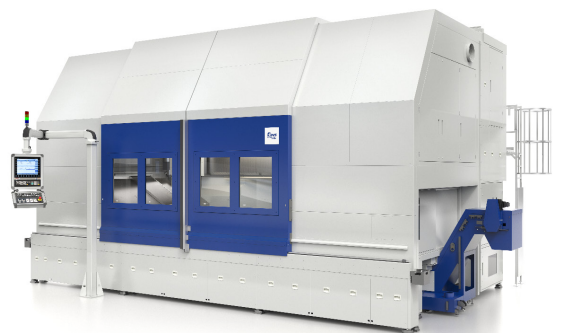




PV4000

Large Rolling Bearing Rings

- › Heavy-duty cutting with $2 \times 10 \times 1$ mm/rev and 72,000 Nm
- › Very good cylindrical form and flatness $< 10 \mu\text{m}$
- › Best surface finish $R_a < 0.8 \mu\text{m}$
- › Flexible use due to automatic tool change





Robust and accurate

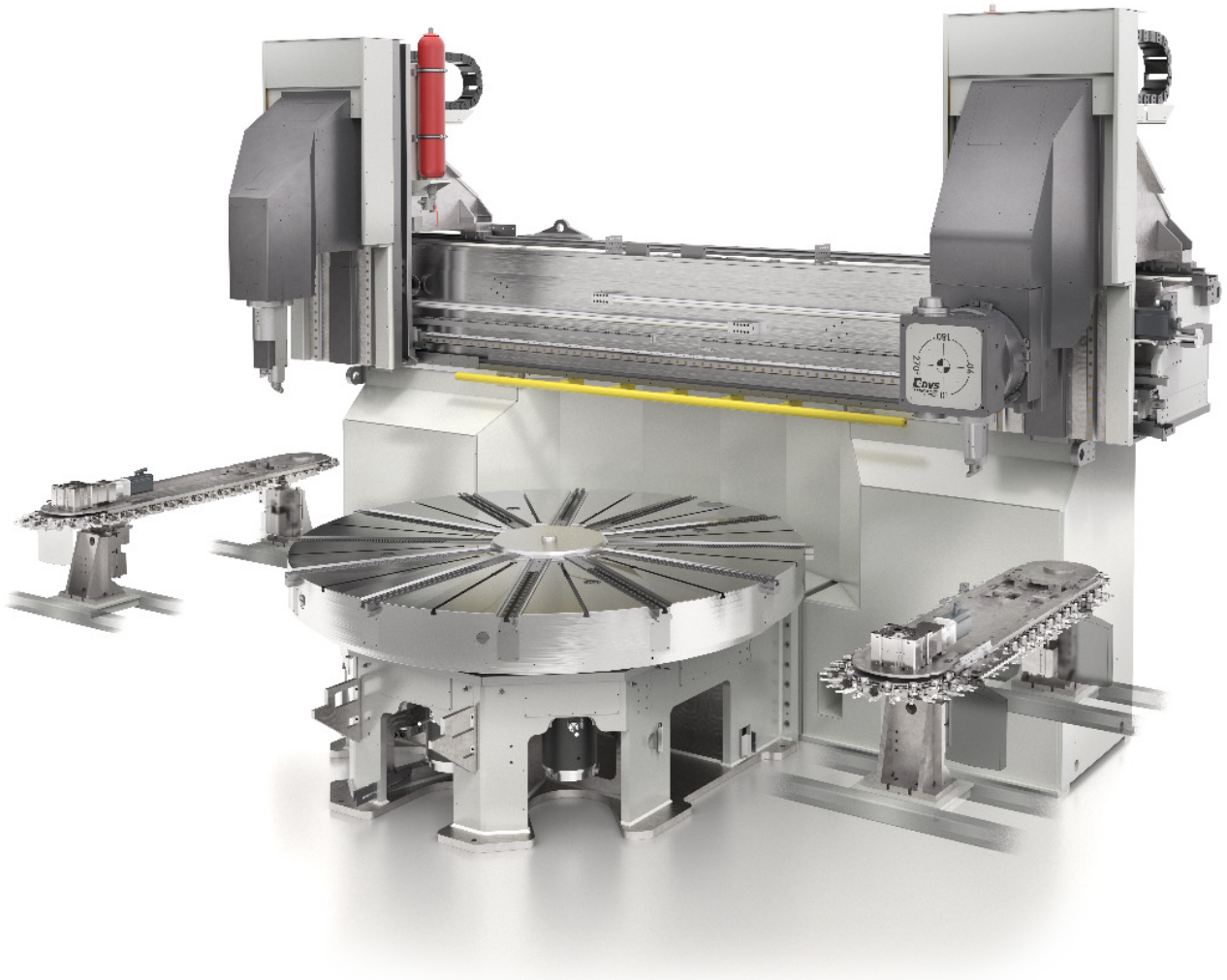
Large rings up to D 4000 and H 1000 mm can be soft and hard turned and milled on this machine. For this purpose, the main spindle has an S1 torque of 72,000 Nm at 300 kW.

The two tool carriers have automatic tool change of CAPTO-C8 tools from a magazine with 48 places each. The right tool carrier has a B axis. This enables the production of complex geometries, angular bores and milling operations.

On the machine, high workpiece volumes are machined and at the same time the best form and bearing tolerances and surfaces are produced.

Max. Workpiece dimensions for this machine

Length [mm]	4000
Diameter [mm]	800
Weight [kg]	50.000
Cylindrical shape / flatness [μm]	< 10
Surface roughness Ra [μm]	0,8



Basic machine

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