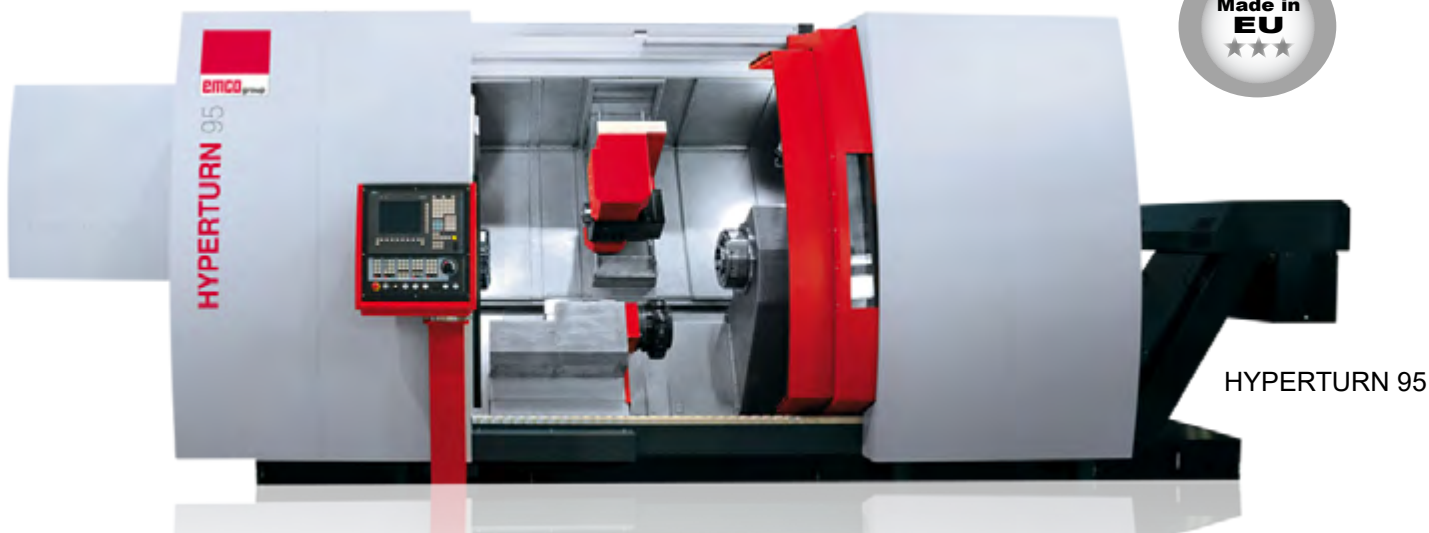


CNC lathes type HYPERTURN

Best
Quality

Made in
EU
★ ★ ★



HYPERTURN 95

HYPERTURN type HT is a brilliant fusion of state-of-the-art turning and milling technology. The machines are developed and manufactured in Europe with European components, with great emphasis on environment and costs. User-friendly machines with high flexibility and low maintenance.

The aim: to increase productivity when processing complex workpieces. HT is equipped with Y axis, B axis and the latest control and drive technology. Combined with innovative turnkey solutions it is an allround machine for the machine tool industry.

Standard:

- Powerful main and sub-spindles
- 2 x 12-station tool turrets
- 2 x 12 drive tool positions
- Milling spindle with direct drive
- Driven tools for milling and boring
- 40/80 or 50/100/200 station tool magazine depending on the machine model
- Y-axis with large travel
- Linear guides in all axes
- EMCO Automation



HYPERTURN 65

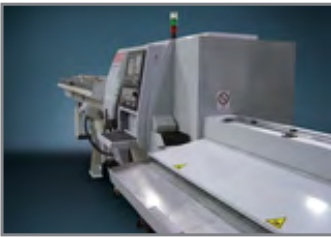
Type		HT45	HT65	HT95	HT110
Art. no.		18935	18936	18937	18938
Bar capacity	mm	45 (A2-5)	65 (A2-6,-8)	95 / A2-8	110 / A2-11
Swing Ø over bed	mm	430	660	720	720
Chuck size	mm	160	200 (250)	315 (400)	400 (630)
Travel X / Y / Z	mm	160 / 70 / 510	260 / 100 / 800-1050	540 / 240 / 1300-1900	540 / 240 / 1300-1900
Rapid speed X / Y / Z	m/min.	30 / 15 / 45	30 / 12 / 30	30 / 30 / 30	30 / 30 / 30
Speed range	RPM	0 - 7000	0 - 5000	0 - 3500	0 - 2500
Motor / torque	kW / Nm	15 / 100 Nm	29 / 37 / 250	33 / 800	52 / 2400
Driven tools		2 x 12	1, 2, 3 x 12	2 x 12	2 x 12

CNC lathes type HYPERTURN

Best
Quality

HYPERTURN accessories:

HYPERTURN type HT is available with various optional equipment depending on the size of the lathe and the work process.



Removal of workpieces up to 45 mm via counter spindle



Optional:

- Band filter system w. high-pressure coolant pumps
- Finished part conveyor belt
- Emco tool breakage monitoring system - the tool status is monitored by evaluating the load on the various axis drive motors.
- Manual tool gauge, quick and accurate measure on both turrets in the work area.
- Unloading through the sub-spindle
- Spin-Window
- Turret-steady-rest / Live center
- BMT-Turret w. water cooled direct drive
- Tailstock

The optional spin-window enables optimal insight in the working area, also during machining with coolant. Due to its very fast rotating glass plate, the coolant is slung away immediately after impact and the window stays clear.

HYPERTURN work pieces:

A selection of various workpieces produced on a HYPERTURN type HT lathe.



Hip-joint disc, titanium alloy



Tappet, steel



Dental tool angle piece, brass



Eccentric flange, steel



Adapter, steel



Starter pinion, 42 Cr Mo 4