

Fast, powerful, single and twin-spindle precision milling centres for profitable series production.

The CHIRON 15 series machining centers are among the best machine tools worldwide of their class in terms of speed, compact construction, stability and reliability. They have enormous ability for high milling capacity. Numerous configuration and equipment options provide the ideal solution for any job. These machining centers can be supplied as single-, double or four-spindle - either with the lightning fast basket tool changer or with a pick-up tool chain magazine. Based on its modular construction, every basic 15 machine can be arranged to provide a perfect individual solution.

Your advantage: High precision, cutting capacity and availability with the lowest cost per part.



Machine variants:

		Spindles & spindle systems			
		Automatic tool changer			
		Table options			
		S	FX	W	MP
FZ	BASKET	FZ15 S	FZ15 FX	FZ12 W	FZ15 MP
FZ	CHAIN	FZ15 S	FZ15 FX	FZ15 W	FZ15 MP
DZ	BASKET	DZ15 S	DZ15 FX	DZ15 W	
DZ	CHAIN	DZ15 S	DZ15 FX	DZ15 W	
TZ	CHAIN	TZ15 S		TZ15 W	



Technology information:

- » Travel X-Y-Z up to 730-400-425 mm
- » Spindle power up to 37 kW
- » Spindle speed up to 20.000 rpm
- » Axis acceleration up to 1,2 g
- » Rapid feed speeds up to 75 m/min
- » Chip-to-chip time approx. 1.7 s
- » Number of tools max. 187
- » Tool taper ISO/CAT 40 / HSK 63

Options:

- » High Speed package
- » Workpiece gripper in main spindle
- » Various index table types
- » CHIRON Laser Control
- » Different 3D tracing systems
- » Direct path measuring system
- » Work area mist collection
- » Connection for central mist collection
- » Oil package
- » Machining with minimal lubrication
- » Pneumatic & Hydraulic for clamping devices
- » Automatic doors
- » Central lubrication
- » Spindle precision adjustment (DZ)
- » Different Automation solutions (AUTOMATION UNO, AUTOMATION DUO, MPC, variocell automation)