

Seconds ahead

with CHIRON five axis Technology



FZ CHAIN FX **MILL FX 800** **baseline**

Fast and compact precision machining center for 5-axis simultaneous and complete machining in one set-up

# MILL FX 800 baseline

## Complete machining with CHIRON Five axis

The Mill800 FX BASELINE offers optimal conditions for highly productive cutting and accurate machining capabilities. One of the machines many unique strengths is its high milling capacity, while offering stability, reliability and little maintenance. The CHIRON entry-level machine is perfect for sub-contractors and small batch production from one unit.



**2-axis swivel rotary table** for economical complete machining with five simultaneously controlled axes.



**Automatic tool change** with the pick-up method as fast as 1.5 s (40 tool places).

### Your advantages:

- Vertical traveling column principle
- Compact installation area (width 5,400 mm x depth 2,700 mm)
- High rigidity and thermal stability
- Highest precision in positioning and simultaneous operation
- Simple loading with lifting gear (cranes, lift trucks, etc.)
- Integrated CHIRON 2-axis swivel rotary table with direct measuring systems
- Fourth axis with a pivoting range of up to  $\pm 120^\circ$
- 5th axis with TORQUE drive
- Fully enclosed work area, stainless steel covers
- Ergonomic operating and loading concept
- Service friendly access to all auxiliary units
- High durability, low maintenance
- Machine tool construction "Designed and Made in Germany"

### Technical data:

■ Travel X-axis	800 mm
■ Travel Y-axis	630 mm
■ Travel Z-axis	550 mm
■ Maximum electrical power	22,5 kW (10% ED)
■ Maximum spindle speed	12,000 rpm
■ Chip-to-chip time starting	5 s
■ Rapid feed as fast as	40 m/min
■ 2-Axis Tilt Rotary Table	CASD $\varnothing$ 280 mm
- Swivel range	$\pm 120^\circ$
■ Maximum number of tools	40
■ Tool taper	SK 40 or HSK A-63
■ Maximum tool diameter	160 mm
■ Maximum tool length	320 mm
■ Control	Siemens 840D sl or Heidenhain iTNC 530

### Workpiece-Dimensions:

- Dimensions:  $\varnothing$  940 x 430 mm
- Swing diameter:  $\varnothing$  780 mm
- Table load capacity: 320 kg

Attractive financing offers (e.g. zero funding) by our leasing partner.

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