



HEDELIUS



TILTENTA MILLTURN

+ Complete machining in a single setup:

Reduced re-clamping operations for increased accuracy

+ NC rotary table Ø 900 mm, up to 500 rpm:

Machining of large and turning-intensive workpieces

+ Combination of turning and milling functions:

Continuous machining process without changing machines



CNC MACHINING CENTERS
MADE IN GERMANY

TILTENTA MILLTURN

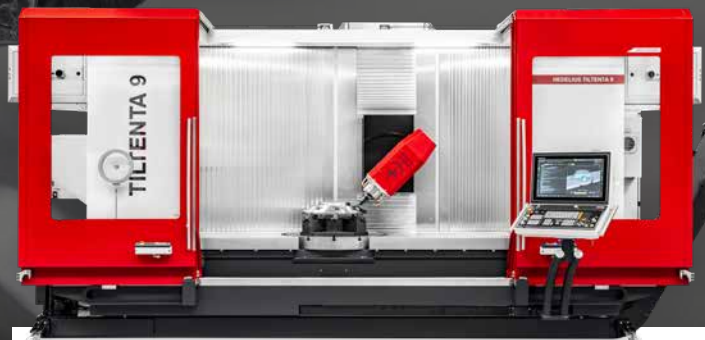
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HEDELIUS is setting new standards with the TILTENTA 9 MILLTURN and presents its first mill-turn machining center. With a table diameter of 900 mm and speeds of up to 500 rpm, it stands for complete machining in a single setup. Instead of separately performed turning and milling operations, the TILTENTA 9 MILLTURN enables continuous machining of complex workpieces in one stable and reliable process. This not only reduces re-clamping operations, but also significantly minimizes idle times and process risks.

INTEGRATED NC ROTARY TABLE WITH TURNING FUNCTION

- + 12 × star-shaped T-slots: 8 × 18H12, 4 × 18H7
- + Liquid-cooled torque drive
- + Speed: 500 rpm
- + Maximum rotary table load: 1200 kg
- + Maximum holding torque: 8000 Nm
- + Maximum torque: 1744 Nm
- + Indexing accuracy: < +/- 5"



TECHNICAL DATA

TILTENTA 9-2600 MILLTURN

Working area

X-, Y-, Z-axis (V/H)	2600/2030 x 900 x 900/1005 mm
Swivel range	-5° – +98° / -98° – +98°
Interference circle diameter	Ø 1250 mm
Maximum table load	1200 kg
NC rotary table	12 × star-shaped T-slots: 8 × 18H12, 4 × 18H7

Power

Spindle speed	15.000 min ⁻¹
Spindle power	50 kW, 217 Nm
Tool holder	HSK T63
Rapid traverse X-, Y-, Z-axis	40/40/40 m/min

Tool magazine

Capacity (optional)	60 / 130 / 175 / 240* / 324*
Maximum tool length	330 mm

*STANDBY magazine incl. taper cleaning station

