

HEDELIUS Tiltenta 7 Magnum (1125-3140044)



Control type
CNC

Construction year
2018

Machine no.
1125-3140044

Make
HEDELIUS

Location
49779 Niederlangen

Hedelius traveling column machining center Tiltenta 7 Magnum
with continuously swiveling main spindle, 5-axis CNC control Heidenhain
TNC 640, 22.0 kW/117 Nm main spindle drive 50-12000 rpm, 50-fold
tool magazine and NC rotary table integrated into the fixed machine table.

Machine equipment:

- T7M-3200, operating mode 3
- Pressure booster pump 50 bar
- Heidenhain TNC 640-T series
- Spindle speed 12000 rpm/29.0 kW
- Extended swivel range TNC/T
- HR 510 handheld control unit
- SK40/190 standby magazine
- Cone cleaning station
- 900 l slant bed coolant system
- 25 bar internal coolant supply

- Slant bed coolant system prefilter
- Electrostatic exhaust air filters T / 2x1300
- Compressed air nozzle on spindle head
- Internal compressed air supply
- Blow-off guns
- Rinsing guns
- Infrared receiver M&H 91.40
- 3D infrared measuring probe M & H 25.50
- Toolsetter M&H 35.70
- Workspace partition T7 with slider

Control on: 33163:56:22

Machine on: 24185:07:21

Program run: 16784:12:57

Spindle: 11751.13.08

Machine attributes

x-travel:	3200 / 2630 mm
y-travel:	750 mm
z-travel:	695 / 800 mm
Control:	Heidenhain TNC 640
swivelling range:	-98 bis 98 Grad
rotary table dia.:	750 mm
total power requirement:	29 kW
weight of the machine ca.:	16 t
dimensions of the machine ca.:	- m

Machine images





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