Number of spindles. 3
Max. bar diameter. 70 mm
Diameter of self-centering chucks. 175 mm
Distance between centers of spindles. 320 mm
Power of the spindles at 100% duty cycle. 9 KW
Power of the spindles at 40% duty cycle. 13.5 KW Nominal torque of the spindle at 100% duty cycle. 114 Nm Max. spindle speed. 3000 R.P.M.
Indexing time forward 120 degrees. 1.2 sec
Indexing time backward 240 degrees. 1.5 sec
Axial clamping of drum with HIRTH-type. daN 8000 Cooling

- PICK-UP SPINDLE-
Max. diameter of bars. 70 mm
Diameter of self-centering chuck. 175 mm
Power of the spindles at 100% duty cycle. 9 KW Power of the spindles at 40% duty cycle. 13.5 KW Nominal torque of the spindle at 100% duty c. 114 Nm Max. spindle speed. 3000 R.P.M.
Longitudinal traverse W3 (pick-up spindle). 920 mm Rapid traverse speed. 15 m/min
Feed thrust. 580 daN

- CROSS SLIDES-
Number of turrets. 3
Radial traverse of slide X1 and X2. 155 mm
Radial traverse of slides X3. 180 mm Rapid traverse. 15 m/min
Feed thrust slide X1 and X2. 900 daN
Feed thrust slide X3. 870 daN
Longitudinal traverse Z1, Z2. 565 mm
Longitudinal traverse Z3. 580 mm
Rapid traverse in Z. 20 m/min
Feed thrust Z1, Z2 and Z3. 630 daN

-TOOL-HOLDERS ON THE 3 CROSS SLIDES (TURRET)-
1 turret with 12 toolpositions for cross slide. total of 3 turrets Number of positions on each revolver-head. 12, all positions driven Total number of driven positions on 3 turrets. 36 total
Indexing according to DIN 69 880 (VDI 30). 30 mm
Indexing time for each position (30 degrees). 0.3 sec
Indexing time for 6 positions (180 degrees). 1.0 sec
Power of the motor-driven tools at 100% D.C. 3 KW
Power of the motor-driven tools at 60% D.C. 5 KW
Max. number of revolutions for the spindle speed motorized tools 3000 RPM

- FRONTAL SLIDES-
Quantity. 2
Number of tools for each frontal slide. 2
Number of tools for each frontal slide with revolving head, option, (necessary for machining with chucks to prevent collisions). 2 Longitudinal travel of W1 and W2. 565 mm
Rapid traverse speed W1 and W2. 20 m/min
Feed thrust W1 and W2. 630 daN
Radial traverse U1 and U2. 110 mm
Rapid traverse speed U1 and U2. 15 m/min
Feed thrust U1 and U2. 930 daN
Toolchanging time. 0.3 sec
Turret reception according to DIN 69880 (VDI30). 30 mm

- COOLING SYSTEM WITH FILTERS (OPTION)-
Coolant capacity. approx. 1140 l
Output. approx. 260 l/min
Pressure max. 20 bar
Pressure at max quantity. 8 bar
Each turret position is equipped coolant supply

- DIMENSION OF MACHINE INCLUDING STOCK REEL-
Length. 8700 mm
Width. 1940 mm
Height. 2470 mm
Net weight. 18000 daN

- SAFETY-

Coverprotection with safety disposal according EN 389/92 Max. noise level according to DIN 46 635/UNI 7712. 80 dB(A)

- ELECTRICAL EQUIPMENT-
Electric switch unit according to EN 602041-1
Total power. 97 KVA
Cable section. 4x70 mm2
Supply voltage. 400 Volt
Voltage variation. Plus or minus 6/10 percent

- PAINTING-

Machine, outside. Light grey NCS 1502 G Splashguards. Grey NCS 4502 G
Control cabinet + Stock carrier. Dark grey NCS 5502 G

- RECEPTION OF THE MACHINE-
DIN 8605/VDI/DGQ 3441/VDE 0113

- NUMERIC CONTROL BY SIEMENS 840D-
Polychromatic control-panel

Number of CNC-driven spindles. 4
Pairs of interpolation axes, linear. 5
Number of C-axes (Option). 4
Number of CNC-driven axes, linear and circular. 11 + 4 SPS-driven axes. 3
Linear Axes resolution. 0.0001 mm
Circular Axes resolution. 0.0001 mm