


MZ 500-640 H

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 technical data sheet

500
640
Axis Travels X/Y/Z axis

500/720/500mm

 640/900/630mm
640/720/500mm

Feed Rate X/Y/Z axis

60/60/60 m/min

Acceleration X/Y/Z axis

 7.5/7.5/7.5 m/s²
Trust X/Y/Z axis

9.3/9.3/8.8 KN

Accuracy (VDI/DGQ 3441)

 Positioning tolerance T_p

10 µm

 Positioning band P_s

5µm

Direct measuring
Spindles

Spindles distance

 500 mm
HSK - A - 63/A - 80
12,000 rpm

 640 mm
HSK - A - 63/A - 80
12,000 rpm

Tool adaptor

Max. speed

Spindle motor

Power S1-100%

 2x22/2x35 KW
60/130 Nm

Torque S1-100%

Tool Magazine

Number of pockets

Drum Type

48 opt. 60

Drum Type

64 opt. 80

Tool change

Direct

Direct

Chip to chip time

4.5 s

4.5÷5 s

Table holding fixture

Main Indexing drum

Axis A1 (0°-180°)

Axis A2-A3 with 4th÷4th/5th

CNC swivelling station

Axis capability

Floor Space

 14 m²

 20 m²
Machine weight

18 T

23 T

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