


# Bi.Z 500-640 H-SP

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 technical data sheet

**500**
**640**
**Axis Travels** X/Y/Z1 - Z2 axis

500/720/500mm

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

**Feed Rate** X/Y/Z1 - Z2 axis

60/60/60 m/min

**Acceleration** X/Y/Z1 - Z2 axis

 7.5/8.5/8.5 m/s<sup>2</sup>
**Trust** X/Y/Z1 - Z2 axis

9.1/9.3/4.3 KN

**Accuracy (VDI/DGQ 3441)**

Positioning tolerance Tp

10 µm

Positioning band Ps

5µm

**Direct measuring**
**Spindles**

Spindles distance

500 mm

640 mm

Tool adaptor

HSK - A - 63/A - 80

HSK - A - 63/A - 80

Max. speed

12,000 rpm

12,000 rpm

**Spindle motor**

Power S1-100%

2x22/2x35 KW

Torque S1-100%

60/130 Nm

**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**

CNC swivelling station

Axis A with 4th or 4th/5th

Axis capability

**Floor Space**

 13 m<sup>2</sup>

 190 m<sup>2</sup>
**Machine weight**

16 T

21 T

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