

# mpFuture – Datos técnicos

## mpFuture

● (Standard) ○ (Option) - (Not available)

		B1	B5
Travel path X-axis	470 mm	●	-
Travel path X1/X2-axis	je 200 mm (independent movement)	-	●
Travel path X1/X2-axis	je 320 mm (coupled movement)	-	●
Travel path Z1-axis	210 mm	●	●
Travel path Z2-axis	210 mm	-	●
Rapid motion X/Z	45 m/min	●	●
Acceleration X/Z	10 m/s <sup>2</sup>	●	●
Main spindle	Water-cooled motor spindle	●	●
- Bar capacity	16 /26/ 32/ 42 mm	○/●/○/○	○/●/○/○
- Spindle speed	6.000/ 15.000 rpm	●/○	●/○
- Driving power	12 KW (S1) to 15,5 KW (S1)	●/○	●/○
- Spindle nose	DIN 55026 A4 (capacity 26 – 42 mm)	●	●
	Benzinger-Norm (capacity 16 mm)	○	○
- C-axis resolution	0,001°	○	○
- Workpiece clamping	Pneumatic / hydraulic	●/○	●/○
	Sensitive clamping	○	○
Tool carrier	Benzinger linear tool system	○	○
Tool turret	Disc-type tool turret VDI 25 DIN 69880	●	●
	Tool positions 12 / 12 driven	●/○	●/○
NC-controlled rotary table	BENZINGER	○	-
Coolant container	160 liter	●	●
Total connected load	35 kVA	●	●
Machine weight	From approx. 5,5 t	●	●
Dimensions (L x W x H)	Approx. 2.540 x 2.000 x 2.620	●	●
Pneumatic supply	6 bar	●	●
Control system	Siemens 840D	●	●

## More options

- |                                              |                                     |
|----------------------------------------------|-------------------------------------|
| - Coolant high pressure at the tool carriers | - Unloading device                  |
| - Coolant filtration                         | - Teleservice                       |
| - Coolant cooling                            | - Network connection                |
| - Chip conveyor                              | - Automation solutions by Benzinger |
| - Tool breakage monitoring                   | - Robot cell                        |
| - Measuring probe                            | - Swivel loader                     |
| - Bar feeder                                 | - Milling device                    |
| - Pneum. operated bar feeding system         | - Planing device                    |