

TECHNICAL DATASHEET

Mini Center

CNC MACHINING CENTER





Standard configuration:

- ✓ Siemens 828 D control
- ✓ Rexroth linear guides in all axes
- ✓ Z-axis servo motor with brake
- ✓ Fully enclosed splash guard
- ✓ Safety door
- ✓ Telescopic covers in all axes
- ✓ Belt drive Spindle 10.000 min⁻¹, ISO 40 / BT40
- ✓ Tapping without compensating chuck
- ✓ USB interface, CF, Ethernet
- ✓ 10.4" LCD display
- ✓ Automatic lubrication system
- ✓ 12 stations tool changer
- ✓ Heat exchange for switch cabinet
- ✓ Spindle taper with pneum. blow-out function
- ✓ LED work lamp
- ✓ End of program light
- ✓ Electronic handwheel (MPG)
- ✓ Levelling screws and bolts
- ✓ Coolant system
- ✓ Tool box
- ✓ Operation manual

Optional configuration:

- Spindle oil cooler
- Fanuc OI-MF control unit
- Blum TC 50 Workpiece measurement
- Blum ZX-Speed Tool measurement

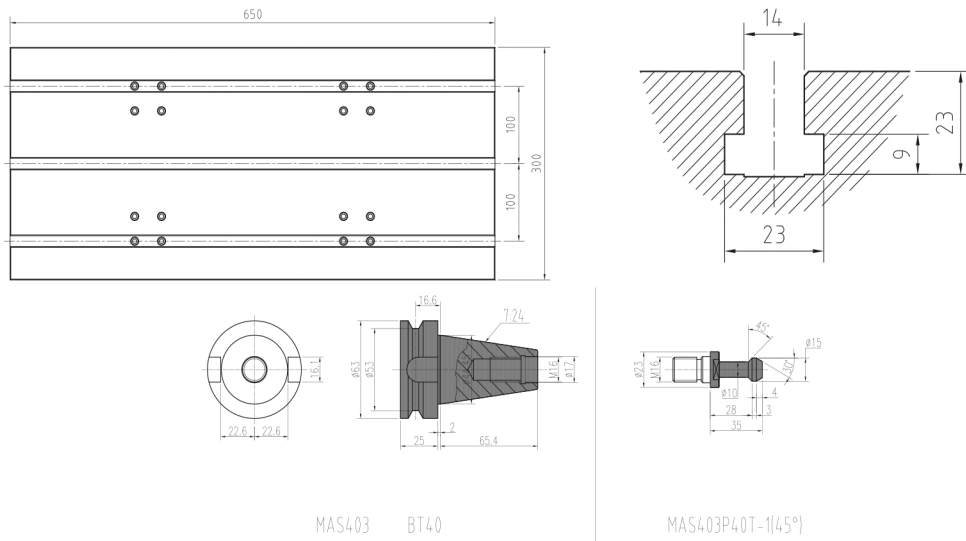
Technical specifications		Mini Center
Table		
Table	mm	650 x 300
T-slot (width x number x distance)	mm	14 x 3 x 100
Max. load	kg	200
Travel		
X / Y / Z Travel	mm	500 / 300 / 400
Spindle nose to table	mm	120 - 520
Spindle center to column	mm	340
Spindle		
Spindle taper		SK40 / BT40 / CAT40 / BBT40
Spindel servo motor	kW	4,8 / 19 Siemens 3,7 / 13 Fanuc
Spindle speed	min ⁻¹	10.000
Feed		

Technical specifications		Mini Center
Rapid feed	m/min	20 / 20 / 12
Cutting feed	mm/min	1-10.000
Tool changer		
Number of tools	Stck.	12
Max. tool length	mm	280
Max. tool diameter	mm	78 / 125
Max. tool weight	kg	8
Accuracy		
Positioning accuracy	mm	± 0.012 / 300
Repeatability	mm	± 0.008
Dimensions & weight		
Dimensions	mm	2000 x 1660 x 2500
Weight	kg	1800
Item-No.		6430015

*Specifications above are subject to change without notice, no liability for printing errors. The machine can be shown with optional equipment.

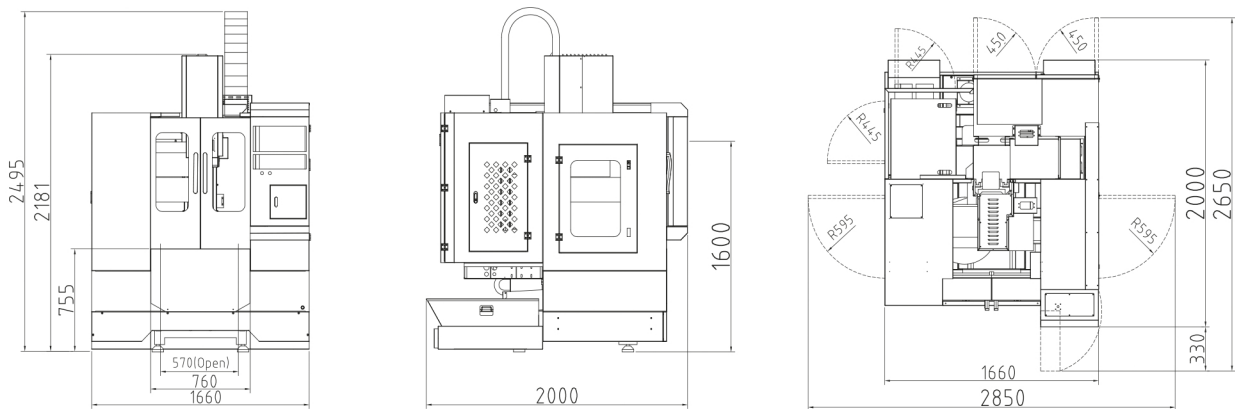
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Work table



ISO 40 Tool holder and pull stud (optional BT40)

Dimensions



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