

Cycle CNC lathes WDS 680 A x 1050 / WDS 680 A/Y x 1050

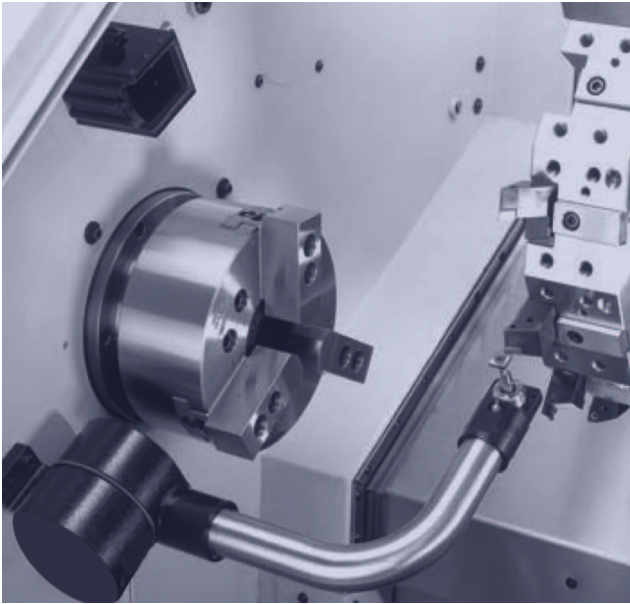


Technical specifications:

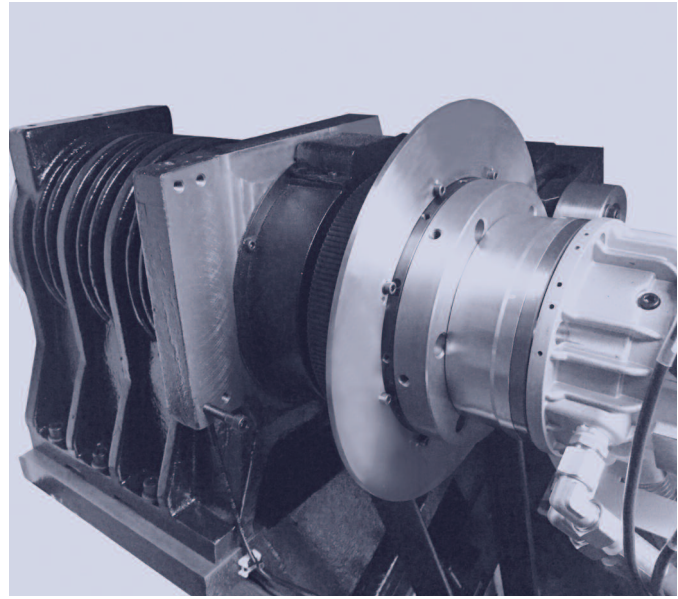
Max swing diameter	680 mm
Max turning diameter	465 mm
Max. workpiece length	1000 mm
traverse paths	
X axis	285 mm
Z axis	1050 mm
Y axis	+/- 60 mm
feed motors	
X-axis rapid traverse in diameter	30 m/min.
Z-axis rapid traverse	30 m/min.
Y axis	18 mm/min.
spindle bore	87 mm/ 102 mm
passage in the draft tube	65/75/90 mm
spindle speed	3000/4000 min/1
drive power	15 / 18,5 KW
Spindle mount DIN 55026	A 2-8
sub spindle	Option
spindle mount DIN 55026	A 2-6 (FL 220)

lining diameter	200 mm
X axis	240 mm
number of revolutions	4000 U/min.
disc revolver	VDI 40/BMT 55
number of tools	12
External tool dimensions	25 x 25 mm
Internal tools dia.	40 mm
tool drive	3,3 kW
number of revolutions	4000 U/min.
Switching time of the tool turret from tool to tool	0,8
quill taper	MK 5
quill stroke	500 mm
Dimension LxWxH	5150 x 2000 x 2050 mm
Weight net/ gross approx.	7800 kg

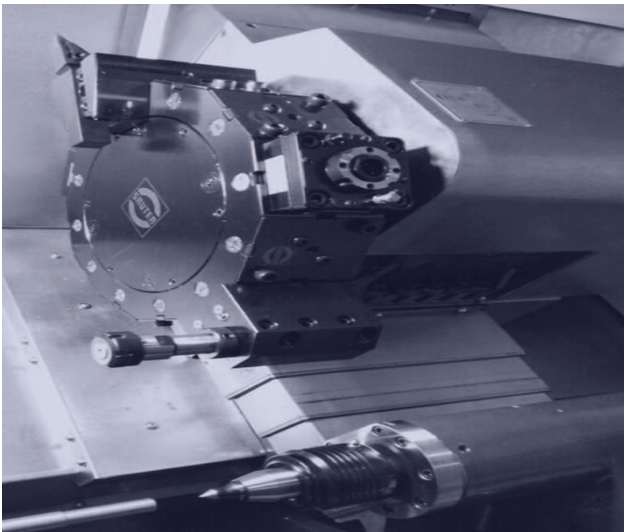
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tool measurement



Headstock C-axis brake



BMT turret

Special accessories:

- FL220 spindle mount
- Larger motor for WDS 680 series
- Larger spindle bore 102 mm for WDS 680
- Counter spindle with hydraulic power clamping device
- High-pressure pump 7 bar
- Bar Feeder
- Tool measurement Renishaw
- Automatic door opening
- Automatic partial collection device
- Short bar loader DH 65 L

Standard accessories:

- Siemens 828 D CNC control with Siemens spindle and feed motors
- Inclined bed 45°
- 12-station turret for driven tools, maximum speed 4,500 rpm. performance in standard
- Drilling: dia. 20mm
- Thread M16 x 7
- milling diameter 20mm, 14mm deep, 40mm/min
- Disc turret BMT 55 mount
- Hydraulic three-jaw hollow chuck Dm. 250 mm (option 310 mm) with hard base jaws and reversible attachments
- Tailstock with stroke 500 mm
- Electronic hand wheel, switchable with cable
- Oil separator
- Cooling device
- Cooling 1.5 kW, 5 bar
- Chip conveyor and chip trolley
- Automatic central lubrication
- Fully protective cabin with lighting
- Operating Tool & Toolbox
- Operation manual
- Programmer's Guide
- CE standard