

CNC INCLINED BED TURNING MACHINES

Series WDS 570/570A/570AY

HIGHLIGHTS

- Sturdy cast construction
- Driven tools
(Version A) with Y-axis
(Version AY)
- 45° Inclined bed
- Good accessibility
- Tailstock stroke over the entire length
- Large spindle bore at high speed
- Integrated chip conveyor
chip conveyor



TECHNICAL DATA AT A GLANCE

Machine type	 mm	 mm	 mm/min		 kW
WDS 570x500	570/300	453	65/4.500	12	15/18,5
WDS 570x850	570/300	758	65/4.500	12	12/15
WDS 570Ax500	570/300	453	65/4.500	12	15/18,5
WDS 570Ax850	570/300	758	65/4.500	12	12/15
WDS 570AYx500	570/300	453	65/4.500	12	15/18,5
WDS 570AYx800	570/300	758	65/4.500	12	12/15

Further information on the machine series and numerous accessories can be found on our website:
<https://www.wagner-maschinen.de/en/turning/cnc-lathes-inclined-bed>



SLANT-BED CNC LATHE

WDS 570x500/570x850 570Ax500/570Ax850

570AYx500/570AYx850

with SIEMENS 828 control system

WDS 570x500/WDS 570x850
WDS 570Ax500/WDS 570Ax850
WDS 570AYx500/WDS 570AYx850

Order no.: 500391/Order no.: 500396
Order no.: 500390/Order no.: 500397
Order no.: 500131/Order no.: 500133



ALL HIGHLIGHTS AT A GLANCE

- Sturdy cast construction
- 45° Inclined bed
- Good accessibility
- Programmable tailstock
- Tailstock travel over the entire length
- Large spindle bore at high speed
- Integrated chip conveyor
- Linear guides
- Driven tools (version A)
with Y-axis (version AY)

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TECHNICAL DATA WDS 570x500/570x850

- Max. orbital 570 mm
- Max. turning 300 mm
- Max. Workpiece length 453/758 mm
- Inclined bed 45°
- Traverse paths:
X-axis 226 mm
Z-axis 500/850 mm
- Feed motors:
X-axis rapid traverse 30 m/min
Z-axis rapid traverse 30 m/min
- Spindle bore 74 mm optionally 65 mm for FL 140
- Spindle speed 4.500 rpm.
- Drive power 12/15/18.5 KW
- Disc turret VDI 40 Base plate
- Chuck Dm 210 mm (option)
- Number of tools 12
- Outer tool dimensions 25 x 25 mm
- Internal tools Dm 32/30 mm
- Tailstock holder MK 4
- Tailstock travel 800 mm
- Dimensions (LxWxH),
3.700x1.850x1.800 mm
4.650x1.850x1.800 mm
- Weight net/gross:
WDS 570x500 3.200/4.600 kg
WDS 570x850 3.800/4.800 kg

STANDARD EQUIPMENT WDS 570x500/570x850

- SIEMENS 828 CNC cycle control with spindle and feed motors
- Control panel integrated in the housing
- VDI 40 disc turret base plate
- Hydraulic three-jaw hollow chuck diam. 200 mm with hard base jaws and reversible top jaws
- Tailstock travel 500 mm
- Electronic handwheel, switchable with cable
- Oil separator
- Coolant device
- Cooling 1.5 kW, 5 bar
- Chip conveyor and chip trolley ejection right
- Automatic centralised lubrication
- Fully protected cabin with lighting
- Operating tool & tool box
- Operating instructions
- Programming manual
- CE standard

A-VERSION WDS 570Ax500/570Ax850

- 12-station turret
- All driven tools VDI 40
- Maximum speed 4.000 rpm
- Disc turret VDI 40 base plate
- Drive for tools DIN 5480
- Performance in standard:
Drilling diam. 20 mm
M16 thread
Milling diam. 20 mm, 14 mm deep, 40 mm/min.

AY-VERSION WDS 570AYx850/570AYx850

- 12 station turret for driven tools tools BMT 55
- Maximum speed 4.000 rpm
- Y-axis 90° +/- 35 mm
- Performance in standard:
Drilling diam. 14 mm
Thread M15
Milling diam. 20 mm, 14 mm deep, 40 mm/min.

SPECIAL EQUIPMENT

- Automatic door opening
- Renishaw tool measuring system
- Automatic part catching device
- Collets, power chucks for collets
- Spindle holder FL140 (WDS 570A)

DETAIL PICTURES



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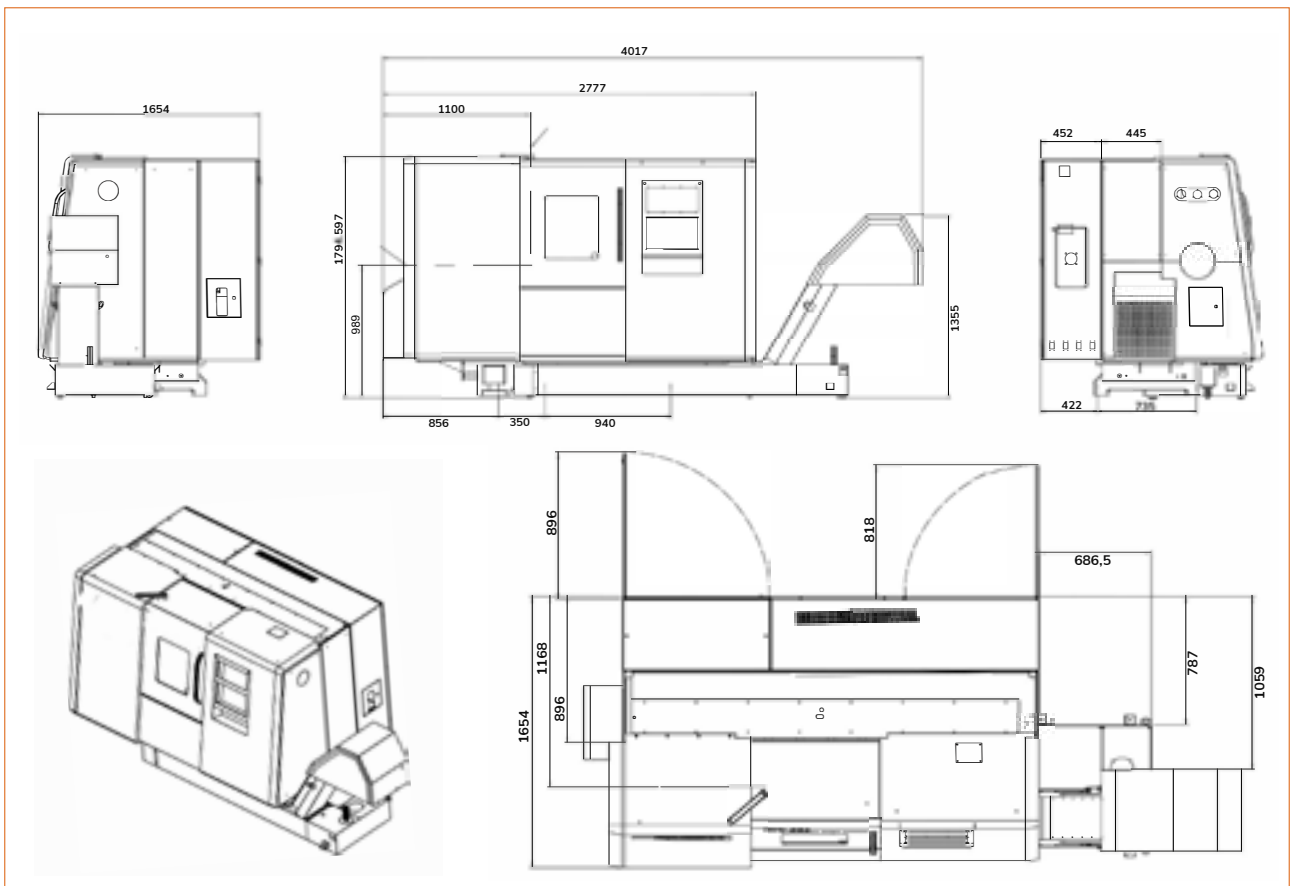
We reserve the right to make design changes in the course of technical improvements. Illustrations, dimensions and weights are not binding.

DETAIL PICTURES



TECHNICAL PLANS

WDS 570/570A Space requirement diagram



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