

CONVENTIONAL TURNING MACHINES

Series

WDR 330/380/330VS/380VS



HIGHLIGHTS

- Compact design with monobloc bed
- Machine has an offset strong lathe bed with hardened and ground bed guides
- Max. Speed up to 1.500 rpm
- Motor spindle brake
- Fixed stops
- Stepless speed (VS)
- Various bed lengths

TECHNICAL DATA AT A GLANCE

Machine type	 mm	 mm	 mm/min	 kW
WDR 330	660/410	1.000 - 6.000	104/1.250 (130)	7,5 (11,5) (15)
WDR 330VS	660/410	1.100 - 7.800	104/1.500 (130)	11,5 (15)
WDR 380	760/510	1.000 - 6.000	104/1.250 (130)	7,5 (11,5) (15)
WDR 380VS	760/510	1.100 - 7.800	104/1.500 (130)	11,5 (15)

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

UNIVERSAL TURNING MACHINE WDR 330/380/330VS/380VS

WDR 330x1000/1500/2000/3000/4000/5000/6000

Order no.: 601177/601178/601179/601155/601156/601180/601181

WDR 380x1000/1500/2000/3000/4000/5000/6000

Order no.: 601182/601183/601184/601185/601186/601187/601188

WDR 330 VSx1000/1500/2000/3000/4000/5000/6000

Order no.: 601096/601097/601098/601099/601111/601112/601113

WDR 380 VSx1000/1500/2000/3000/4000/5000/6000

Order no.: 601114/601115/601116/601117/601118/601119/601120



ALL HIGHLIGHTS AT A GLANCE

- Compact design with heavy-duty base frame
- Turning length up to 6.000 mm
- Machine has an offset
- Powerful lathe bed with hardened and ground bed guides
- Maximum speed up to 1.500 rpm
- Spindle bore up to 130 mm (optional)
- Motorised spindle brake
- Fixed stops
- Powerful tailstock with quick clamping
- Tailstock with quill feed 1:1 or 1:4
- Hydraulic chuck (optional)
- Machines are available as geared machines with 12 gear stages available.

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TECHNICAL DATA WDR 330/380

- Centre height, mm 330/380
- Swing Ø over bed mm 660/760
- Swing Ø over gap, mm 900/1.000
- Swing Ø over cross slide, mm 410/510
- Centre width, mm 1.000-6.000
- Bed width, mm 410
- Spindle bore, mm 104
- Spindle nose DIN 55029 KK 8
- Gear stages 12
- Speed range, rpm 25-1.250
- Longitudinal feed, mm/rev 0.05-0.7
- Transverse feed, mm/rev 0.025-0.35
- Cone MK 5
- Tailstock
- Thread pitches:
 - metric, mm 0.8-14
 - Withworth Gg/1' 2-28
 - Module, mod. 0.5-7
 - Diametral pitch, DP 4-56
- Cross slide, mm 380
- Top slide, mm 255
- Drive power, kW 7.5 (11.5)
- Quill stroke, mm 180
- Quill diameter, mm 75
- Dimensions (LxWxH), mm 2.800-7.800x1.400x1.630
- Weight, kg 2.400 - 2.600

TECHNICAL DATA WDR 330VS/380VS

- Centre height, mm 330/380
- Swing Ø over bed mm 660/760
- Swing Ø over gap, mm 900/1.000
- Swing Ø over cross slide, mm 410/510
- Centre width, mm 1.000-6.000
- Bed width, mm 410
- Spindle bore, mm 104
- Spindle nose DIN 55029 KK 8
- Gear stages 2
- Speed range, rpm 50-1.500
- Longitudinal feed, mm/rev 0.05-0.7
- Transverse feed, mm/rev 0.025-0.35
- Cone MK 5
- Tailstock
- Thread pitches:
 - metric, mm 8-14
 - Withworth Gg/1' 2-28
 - Module, mod. 0.5-7
 - Diametral pitch, DP 4-56
- Cross slide, mm 380
- Top slide, mm 255
- Drive power, kW 12
- Quill stroke, mm 180
- Quill diameter, mm 75
- Dimensions (LxWxH), mm 2.800-7.800x1.400x1.630/1.730
- Weight, kg 2.400 - 2.600

STANDARD EQUIPMENT WDR 330/380

- Rapid traverse
- Hardened and ground bed guides
- Spindle stop with brake motor in accordance with CE
- Rotating chuck protection electrically fused
- Spindle nose Camlock DIN 55029
- Chip guard on steel holder
- Rear chip guard
- Thread gauge
- Complete coolant system with electromagnetic clutch
- LED machine light
- Central lubrication for gearbox and guides
- Complete electrical equipment 400 V./50 Hz.
- Operating tools and operating instructions
- CE standard

STANDARD EQUIPMENT WDR 330VS/380VS

- Rapid traverse
- Infinitely variable speed
- Hardened and ground bed guides
- Spindle stop with brake motor in accordance with CE
- Rotating chuck protection electrically fused
- Spindle nose Camlock DIN 55029
- Chip guard on steel holder
- Rear chip guard
- Thread gauge
- Complete coolant system
- Foot brake
- Halogen machine light
- Central lubrication for gearbox and guides
- Complete electrical equipment 400 V./50 Hz.
- Operating tools and operating instructions
- CE standard

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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.

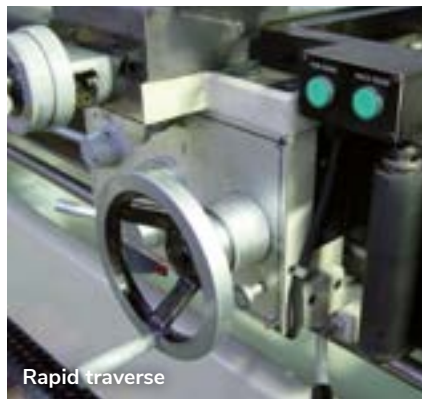
SPECIAL EQUIPMENT WDR 330/380

- 3-axis digital readout
- Spindle motor 11 kW
- Spindle motor 15 kW
- Larger spindle bore 130 mm/D1-11
- Taper turning device/guide ruler
- Fixed steady rest 50-280 mm
- Fixed steady rest 160-380 mm
- Fixed steady rest 270-480 mm
- Moving steady rest 10-100 mm
- Quick-change steel holder head Multifix
- Chuck
- Multifix
- Parat
- Hollow spindle stop

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- 3-axis digital readout
- Larger spindle bore 130 mm/D1-11
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- Fixed steady rest 50-280 mm
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DETAIL PICTURES



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