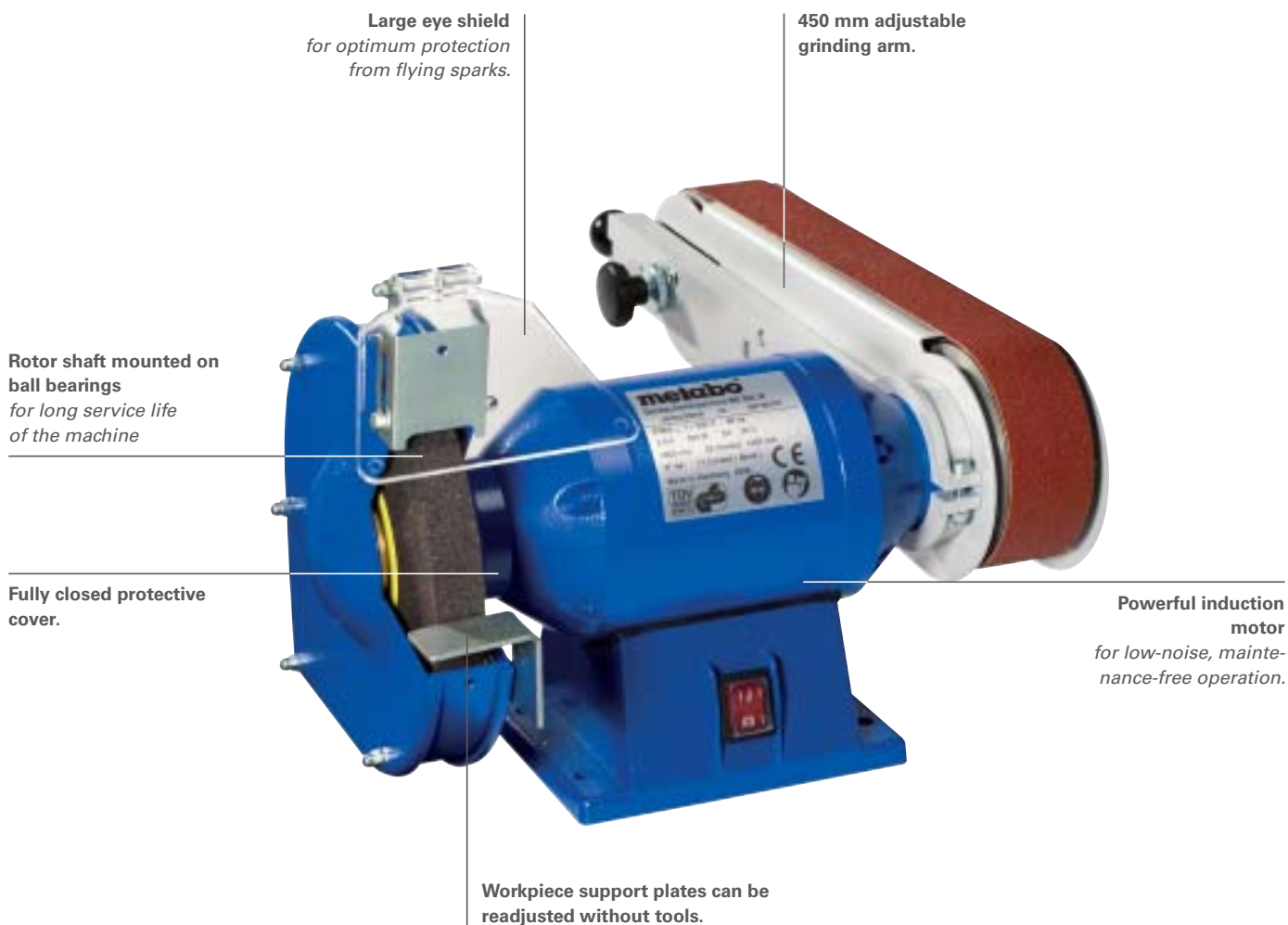


ESSENTIAL FOR EVERY WORKSHOP.

Good tools are worth their weight in gold and should always be in perfect working order. For example, rust needs to be removed, chisels need to be sharpened,

HSS bits re-ground. Whether you want to clean, grind, deburr or polish: Metabo has the right grinding machine for every task.

e.g. BS 200



Safe eye protection

The large protective guards provide effective protection against flying sparks.



Fatigue-free working

The workpiece supports can be adjusted without tools, allowing you to work accurately and comfortably.

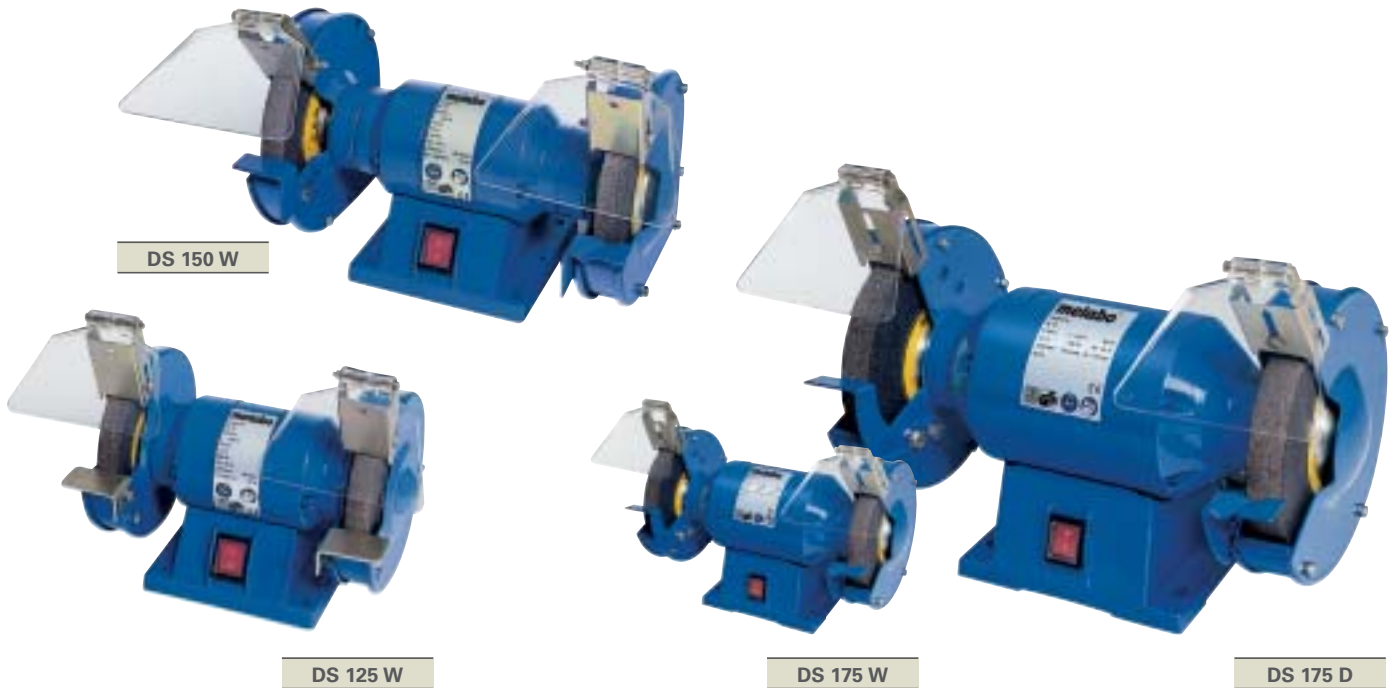


Long service life

Grinding wheels of 200 mm diameter last 50% longer than grinding wheels of 175 mm diameter; grinding wheels with a diameter of 250 last even 145% longer.

COMMON FEATURES

- For sanding/grinding, sharpening, deburring and removing rust on steel and metal, kitchen appliances, tools and garden tools
- Quiet, maintenance-free induction motor
- Large spark protection guards for optimum eye protection



	Bench Grinder DS 125 W	Bench Grinder DS 150 W	Bench Grinder DS 175 W	Bench Grinder DS 175 D
Special advantages				
■ For single phase alternating current	•	•	•	
■ For three phase current				•
Comparative device characteristics				
Grinding wheels (Øx thickness x bore)	125 x 20 x 20 mm	150 x 20 x 20 mm	175 x 25 x 20 mm	175 x 25 x 20 mm
Maximum speed	2.950 /min	2.950 /min	2.950 /min	2.950 /min
Bore with distance sleeve (Ø)	12 mm	13 mm	17 mm	17 mm
Rated input power	200 W	330 W	450 W	570 W
Tilting movement	0,6 Nm	0,7 Nm	1,6 Nm	1,4 Nm
Dimensions L x W x H	265 x 180 x 185 mm	325 x 190 x 200 mm	395 x 220 x 250 mm	395 x 220 x 250 mm
Base plate	137 x 147 mm	137 x 147 mm	147 x 187 mm	147 x 187 mm
Weight	5,5 kg	7,5 kg	12,5 kg	12,5 kg
Standard equipment	Normal corundum grinding wheels 36 P and 60 N, spark protection guards, workpiece support plates	Normal corundum grinding wheels 36 P and 60 N, spark protection guards, workpiece support plates	Normal corundum grinding wheels 36 P and 60 N, spark protection guards, workpiece support plates	Normal corundum grinding wheels 36 P and 60 N, spark protection guards, workpiece support plates
Type	DS 125 W	DS 150 W	DS 175 W	DS 175 D
Order no.	0300012540	0300015034	0300017533	0300017541

COMMON FEATURES

- For sanding/grinding, sharpening, deburring and removing rust on steel and metal, kitchen appliances, tools and garden tools
- Quiet, maintenance-free induction motor
- Large spark protection guards for optimum eye protection



DS 200/25 W

DS 200/25 D

	Bench Grinder DS 200/25 W	Bench Grinder DS 200/25 D
Special advantages		
■ For single phase alternating current	•	
■ For three phase current		•
Comparative device characteristics		
Grinding wheels (Øx thickness x bore)	200 x 25 x 20 mm	200 x 25 x 20 mm
Maximum speed	2.950 /min	2.950 /min
Bore with distance sleeve (Ø)	17 mm	17 mm
Rated input power	580 W	740 W
Tilting movement	1,9 Nm	2 Nm
Dimensions L x W x H	420 x 255 x 265 mm	420 x 255 x 265 mm
Base plate	147 x 187 mm	147 x 187 mm
Weight	16 kg	16 kg
Standard equipment	Normal corundum grinding wheels 36 P and 60 N, spark protection guards, workpiece support plates	Normal corundum grinding wheels 36 P and 60 N, spark protection guards, workpiece support plates
Type	DS 200/25 W	DS 200/25 D
Order no.	0300020003	0300020011

Sander/Grinder stands		Order no.
	Sander/Grinder stands For all blue bench grinders, belt sanders, and wet or dry sanding/grinding machines Made of robust sheet steel with water container Height: 805 mm	0900051204
Sander/Grinder bracket		Order no.
	Sander/Grinder bracket For all blue bench grinders, belt sanders, and wet or dry sanding/grinding machines Made of robust sheet steel (wall mounting)	0900051212

COMMON FEATURES

- For single phase alternating current
- For sanding/grinding, sharpening, deburring and removing rust on steel and metal, kitchen appliances, tools and garden tools
- Quiet, maintenance-free induction motor
- Large spark protection guards for optimum eye protection
- Corrosion-proof water bath container
- Slow running, fine grained wet grinding disc and quick running dry grinding disc

COMMON FEATURES

- For sanding/grinding, sharpening, deburring and removing rust on steel and metal, kitchen appliances, tools and garden tools
- Quiet, maintenance-free induction motor
- Large spark protection guards for optimum eye protection
- For finishing wood and metal workpieces
- The belt sanding attachment can be operated in horizontal and vertical positions



TNS 150 W

TNS 175 W



BS 200 W

BS 200 D

	Dry-wet Grinder TNS 150 W	Dry-wet Grinder TNS 175 W
Comparative device characteristics		
Grinding wheels (Øx thickness x bore)	150 / 200 x 20 / 40 x 20 / 20 mm	175 / 200 x 25 / 40 x 20 / 20 mm
Maximum speed	2.750/126 /min	2.750/126 /min
Bore with distance sleeve (Ø)	13/12 mm	17/12 mm
Rated input power	330 W	450 W
Tilting movement	0,7 Nm	1,6 Nm
Dimensions L x W x H	420 x 255 x 260 mm	490 x 260 x 285 mm
Base plate	137 x 147 mm	147 x 187 mm
Weight	8 kg	14 kg
Standard equipment	Normal corundum grinding wheels 60 N and wet grinding disc, workpiece support plates, spark protection guards	Normal corundum grinding wheels 60 N and wet grinding disc, workpiece support plates, spark protection guards
Type	TNS 150 W	TNS 175 W
Order no.	0000415014	0000517526

	Belt Sander BS 200 W	Belt Sander BS 200 D
Special advantages		
■ For single phase alternating current	•	
■ For three phase current		•
Comparative device characteristics		
Grinding wheels (Øx thickness x bore)	200 x 25 x 20 mm	200 x 25 x 20 mm
Maximum speed	2.650 /min	2.950 /min
Bore with distance sleeve (Ø)	17 mm	17 mm
Rated input power	580 W	740 W
Tilting movement	1,9 Nm	2 Nm
Belt length	450 mm	450 mm
Sanding belt	1.020 x 50 mm	1.020 x 50 mm
Dimensions L x W x H	420 x 255 x 265 mm	420 x 255 x 265 mm
Base plate	147 x 187 mm	147 x 187 mm
Weight	16 kg	16 kg
Standard equipment	Normal corundum grinding wheels 60 N and fabric grinding belt K 60, workpiece support plates, spark protection guards	Normal corundum grinding wheels 60 N and fabric grinding belt K 60, workpiece support plates, spark protection guards
Type	BS 200 W	BS 200 D
Order no.	0000320005	0000320013

ANGLE GRINDERS

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ROUTERS AND PLANERS

FOR DOUBLE GRINDERS

Grinding wheels, coarse



Suitable for: Pre-grinding, Screwdriver, Chisel, Splitting tools, Unhardened metals

Diameter x thickness x bore mm	Grit and grade	Suitable for	Order no.
120 x 20 x 20	36 P	DS 125 W	0900025181
150 x 20 x 20	36 P	DS 150 W	0900025262
175 x 25 x 20	36 P	DS 175 W / DS 175 D	0900025408
200 x 25 x 20	36 P	DS 200/25 W / DS 200/25 D	0900025513

Grinding wheels, fine



Suitable for: Finishing, Screwdriver, Chisel, Firmer chisel, Turning chisel, Carving knife, Splitting tools, Unhardened metals

Diameter x thickness x bore mm	Grit and grade	Suitable for	Order no.
120 x 20 x 12	60 N	DS 125 W	0900025254
120 x 20 x 20	60 N	DS 125 W	0900025190
150 x 20 x 20	60 N	DS 150 W	0900025270
175 x 25 x 20	60 N	DS 175 W / DS 175 D	0900025416
200 x 25 x 20	60 N	DS 200/25 W / DS 200/25 D	0900025521

Widia grinding wheels

Suitable for: Finishing, Hard metals, Grey cast iron, Copper, Aluminium, Glass, Ceramic

Diameter x thickness x bore mm	Grit and grade	Suitable for	Order no.
120 x 20 x 20	80 J	DS 125 W	0900025203
150 x 20 x 20	80 M	DS 150 W	0900025289
175 x 25 x 20	80 J	DS 175 W / DS 175 D	0900025424
200 x 25 x 20	80 J	DS 200/25 W / DS 200/25 D	0900025556

FOR DRY-WET GRINDERS

Wet grinding wheels



Suitable for: Finishing, Blade, Firmer chisel, Turning chisel, Carving knife, Splitting tools, Shears, Unhardened metals

Diameter x thickness x bore mm	Order no.
150 x 30 x 20	0900025386
200 x 40 x 20	0900025653

FOR BELT GRINDING MACHINES

Sanding belts



Dimensions mm	Grit	Packing unit	Order no.
50 x 650	P 60	3	0900025718
50 x 650	P 100	3	0900025726
50 x 650	P 150	3	0900025734
50 x 650	P 220	3	0900025742
50 x 650	P 400	3	0900025769
50 x 1.020	P 40	3	0900025777
50 x 1.020	P 60	3	0900025688
50 x 1.020	P 80	3	0900025696
50 x 1.020	P 100	3	0900025785
50 x 1.020	P 120	3	0900025700
50 x 1.020	P 180	3	0900025807
50 x 1.020	P 240	3	0900025823
50 x 1.020	P 400	3	0900025840

Dressing stick

Order no.
0900025858

Dressing stick 100 x 25 x 13 mm
For the dressing of grinding wheels: blunt grinding abrasives are removed

Which grinding wheel is suitable for which application?

	Grinding wheel, coarse	Grinding wheel, fine	Tungsten grinding wheel	Wet grinding wheel (natural stone, ceramics)
Rough sanding	●			
Finishing		●	●	●
Screwdriver	●	●		
Chisel	●	●		
Knife blade				●
Firmer chisel		●		●
Turning chisel		●		●
Carving knife		●		●
Splitting tool	●	●		●
Shears				●
Unhardened metals	●	●		●
Hard metals			●	
Grey cast iron			●	
Copper			●	
Aluminium			●	
Glass			●	
Ceramics			●	

COMMON FEATURES

- For single phase alternating current
- Quiet, high quality maintenance-free induction motor
- Emergency stop switch for optimum safety of the user
- Sturdy machine for sophisticated sharpening, grinding and deburring tasks
- Rotor shaft mounted on ball bearing for long service life of the machine
- Adjustable workpiece supports without tools
- Protective covers closed on the sides with extraction nozzle
- Large spark protection guards for optimum eye protection



Ds W 5175



Ds W 9200

	500 Watt Bench Grinder Ds W 5175	500 Watt Bench Grinder Ds W 9200
Special advantages		
■ Grinding wheel diameter 200 mm: 50 % higher tool life compared to a grinding wheel with 175 mm Ø		•
Comparative device characteristics		
Grinding wheels (Øx thickness x bore)	175 x 25 x 32 mm	200 x 25 x 32 mm
Maximum speed	2.840 /min	3.000 /min
Rated input power	500 W	500 W
Output power	370 W	370 W
Tilting movement	1,8 Nm	3,6 Nm
Extraction nozzle, internal Ø	41 mm	41 mm
Work bench model:		
Weight	15 kg	16 kg
Stand model:		
Height to centre of grinding shaft	1.010 mm	1.025 mm
Weight	34 kg	35 kg
Standard equipment	Normal corundum grinding wheels 36 P and 80 M, spark protection guards, workpiece support plate	Normal corundum grinding wheels 36 P and 80 M, spark protection guards, workpiece support plate
Type	Ds W 5175	Ds W 9200
Order no. – bench model	6.05175 ■	6.09200
– floor model	6.05175 + 6.23866	6.09200 + 6.23866

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COMMON FEATURES

- For three phase current
- Quiet, maintenance-free induction motor
- Rotor shaft mounted on ball bearing for long service life of the machine
- Adjustable workpiece supports without tools
- Protective covers closed on the sides with extraction nozzle
- Large spark protection guards for optimum eye protection



	550 Watt Bench Grinder Ds D 6175	550 Watt Bench Grinder Ds D 9201	900 Watt Bench Grinder Ds D 9250
Special advantages			
▪ Sturdy machine for sophisticated sharpening, grinding and deburring tasks	•	•	
▪ Sturdy machine for industrial use			•
▪ Grinding wheel diameter 200 mm: 50 % higher tool life compared to a grinding wheel with 175 mm Ø		•	
▪ Grinding wheel diameter 250 mm: 145 % higher tool life compared to a grinding wheel with 175 mm Ø			•
Comparative device characteristics			
Grinding wheels (Øx thickness x bore)	175 x 25 x 32 mm	200 x 25 x 32 mm	250 x 40 x 51 mm
Maximum speed	2.840 /min	3.000 /min	1.500 /min
Rated input power	550 W	550 W	900 W
Output power	400 W	400 W	620 W
Tilting movement	3,6 Nm	7,2 Nm	8 Nm
Extraction nozzle, internal Ø	41 mm	41 mm	35 mm
Work bench model:			
Weight	15 kg	16 kg	33 kg
Stand model:			
Height to centre of grinding shaft	1.010 mm	1.025 mm	1.025 mm
Weight	34 kg	35 kg	52 kg
Standard equipment	Normal corundum grinding wheels 36 P and 80 M, spark protection guards, workpiece support plate	Normal corundum grinding wheels 36 P and 80 M, spark protection guards, workpiece support plate	Normal corundum grinding wheels 36 P and 80 M, spark protection guards, workpiece support plate
Type	Ds D 6175	Ds D 9201	Ds D 9250
Order no. – bench model	6.06175	6.09201	6.09250
– floor model	6.06175 + 6.23866	6.09201 + 6.23866	6.09250 + 6.23866

Grinding wheels, aluminium oxide

■ For sanding/grinding tool steel



Diameter x thickness x bore mm	Grit and grade	Suitable for	Order no.
150 x 20 x 20	36 P	Ds W 3150	6.30632
150 x 20 x 20	80 M	Ds W 3150	6.30633
150 x 20 x 32	36 P	Ds 7202	6.30777
150 x 20 x 32	80 M	Ds 7202, Ds 7203	6.30778
175 x 20 x 32	36 P	Ds 7204	6.30780
175 x 20 x 32	80 M	Ds 7204	6.30781
175 x 25 x 32	36 P	Ds W 5175 / Ds D 6175	6.30657
175 x 25 x 32	60 N	Ds W 5175 / Ds D 6175	6.30656
200 x 25 x 32	36 P	Ds W 9200 / Ds D 9201	6.30647
200 x 25 x 32	60 N	Ds W 9200 / Ds D 9201	6.30646
200 x 25 x 32	36 P	Ds 7211, Ds W 9200 / Ds D 9201	6.30784
200 x 25 x 32	60 N	Ds 7211, Ds W 9200 / Ds D 9201	6.30785
200 x 32 x 32	36 P	Ds W 9200 / Ds D 9201	6.30634
200 x 32 x 32	60 N	Ds W 9200 / Ds D 9201	6.30635
250 x 32 x 32	24 Q	Ds 7226	6.30788
250 x 32 x 32	60 N	Ds 7226	6.30789
250 x 40 x 51	36 P	Ds D 9250	6.30636
250 x 40 x 51	60 N	Ds D 9250	6.30637

Pink aluminium oxide grinding wheels

■ For sanding/grinding HPHSS tools



Diameter x thickness x bore mm	Grit and grade	Suitable for	Order no.
150 x 20 x 20	80 J	Ds W 3150	6.30638


Silicon carbide grinding wheels

■ For sanding/grinding carbide tools



Diameter x thickness x bore mm	Grit and grade	Suitable for	Order no.
150 x 20 x 20	46 K	Ds W 3150	6.30755
150 x 20 x 20	80 J	Ds W 3150	6.30756

Accessories

	Order no.
 <p>Stand for bench grinders For bench grinders from 175 mm grinding wheel diameter Height: 820 mm Weight: 19 kg</p>	6.23866
<p>Wall panel for double grinders</p>	6.23863



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