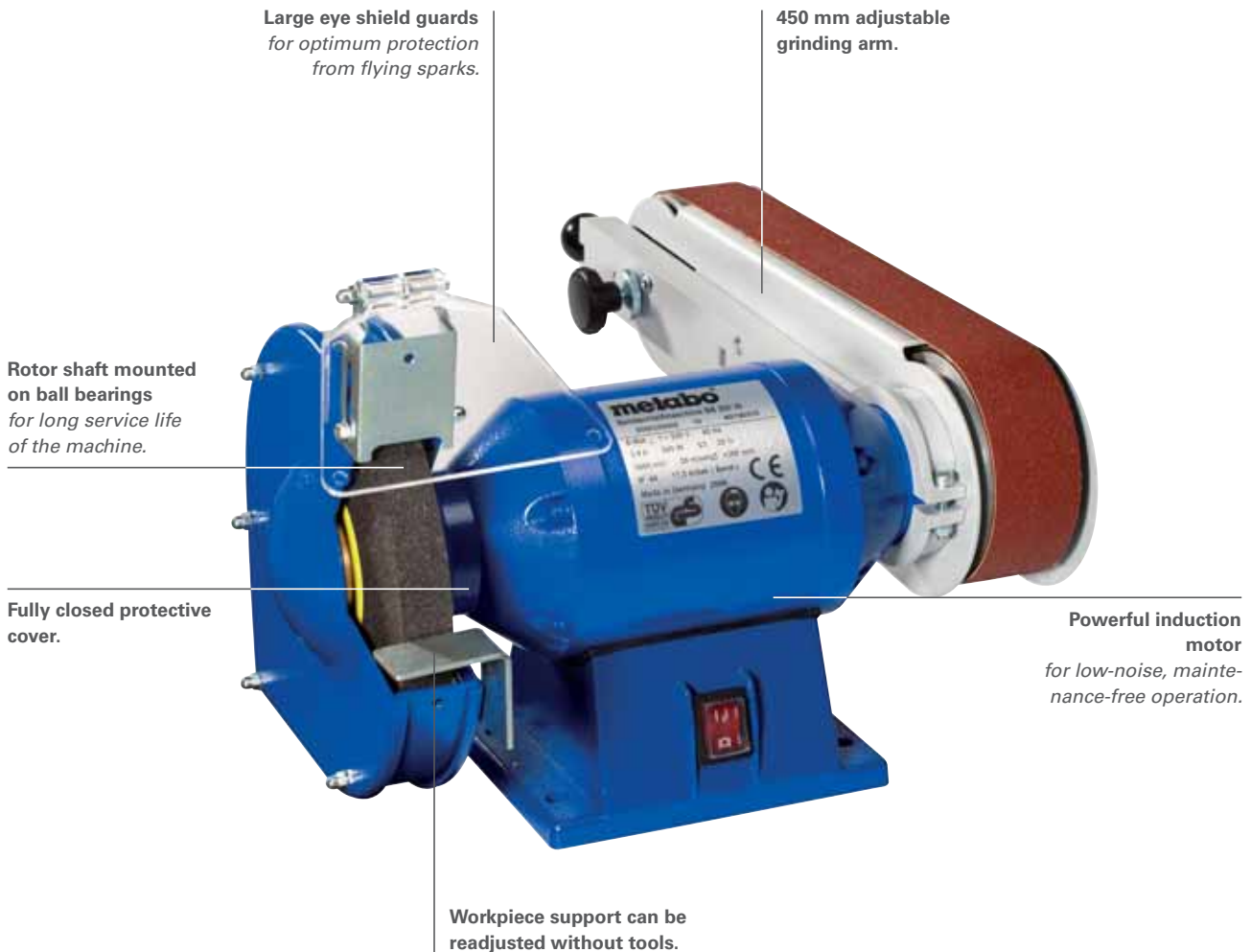


ESSENTIAL FOR EVERY WORKSHOP.

Good tools are worth their weight in gold and should always be in perfect working order. Rust needs to be removed for example, or the screwdriver needs to be

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 perspex guards provide effective protection against flying sparks.

**Fatigue-free working**

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

**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.

EQUIPMENT FEATURES

- For 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 protection from flying sparks



DS 150 W



DS 125 W



DS 175 W

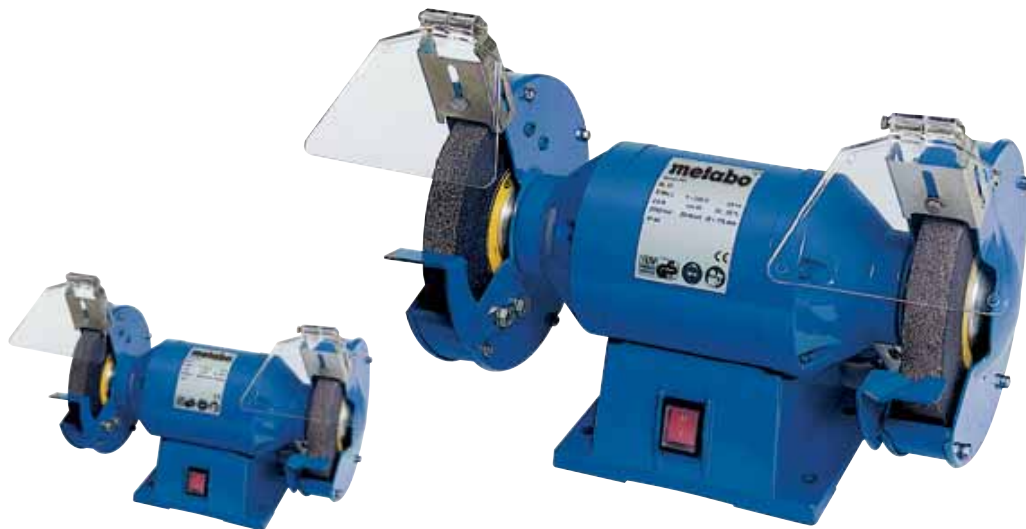


DS 175 D

| | 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 (diameter x 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 |
| Bore with distance sleeve (Ø) | 12 mm | 13 mm | 17 mm | 17 mm |
| Rated input power | 200 W | 330 W | 450 W | 570 W |
| Maximum speed | 2.950 /min | 2.950 /min | 2.950 /min | 2.950 /min |
| 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 glasses, workpiece support | Normal corundum grinding wheels 36 P and 60 N, spark protection glasses, workpiece support | Normal corundum grinding wheels 36 P and 60 N, spark protection glasses, workpiece support | Normal corundum grinding wheels 36 P and 60 N, spark protection glasses, workpiece support |
| Type | DS 125 W | DS 150 W | DS 175 W | DS 175 D |
| Order no. | 0300012540 | 0300015034 | 0300017533 | 0300017541 |

EQUIPMENT FEATURES

- For 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 protection from flying sparks



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 (diameter x thickness x bore) | 200 x 25 x 20 mm | 200 x 25 x 20 mm |
| Bore with distance sleeve (Ø) | 17 mm | 17 mm |
| Rated input power | 580 W | 740 W |
| Maximum speed | 2.950 /min | 2.950 /min |
| 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 glasses, workpiece support | Normal corundum grinding wheels 36 P and 60 N, spark protection glasses, workpiece support |
| Type | DS 200/25 W | DS 200/25 D |
| Order no. | 0300020003 | 0300020011 |

Grinder stands



Grinder stands
For all double, belt and wet or dry grinding machines
Made of robust sheet steel with water container

Order no.
0900051204

Grinder bracket



Grinder bracket
For all double, belt and wet or dry grinding machines
Made of robust sheet steel (wall mounting)

Order no.
0900051212

EQUIPMENT FEATURES

- For single phase alternating current
- For 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 protection from flying sparks
- Corrosion-proof water bath container
- Slow running, fine grained wet grinding disc and quick running dry grinding disc

EQUIPMENT FEATURES

- For 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 protection from flying sparks
- For finishing wood and metal workpieces
- The belt sanding attachment can be operated in horizontal and vertical positions



TNS 175 W



BS 200 W

BS 200 D

TNS 150 W

| | Dry-wet grinder TNS 150 W | Dry-wet grinder TNS 175 W |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Comparative device characteristics | | |
| Grinding wheels (diameter x Thickness x bore) | 150 / 200 x 20 / 40 x 20 / 20 mm | 175 / 200 x 25 / 40 x 20 / 20 mm |
| Bore with distance sleeve (Ø) | 13/12 mm | 17/12 mm |
| Rated input power | 330 W | 450 W |
| Maximum speed | 2.750/126 /min | 2.750/126 /min |
| 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, spark protection glass | Normal corundum grinding wheels 60 N and wet grinding disc, workpiece support, spark protection glass |
| 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 (diameter x thickness x bore) | 200 x 25 x 20 mm | 200 x 25 x 20 mm |
| Bore with distance sleeve (Ø) | 17 mm | 17 mm |
| Rated input power | 580 W | 740 W |
| Maximum speed | 2.650 /min | 2.950 /min |
| Belt length | 450 mm | 450 mm |
| Grinding 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, spark protection glass | Normal corundum grinding wheels 60 N and fabric grinding belt K 60, workpiece support, spark protection glass |
| Type | BS 200 W | BS 200 D |
| Order no. | 0000320005 | 0000320013 |

ACCESSORIES FOR GRINDING MACHINES

Grinding wheel, coarse



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

| Diameter x thickness x bore mm | Grit and hardness | Order no. |
|--------------------------------|-------------------|------------|
| 120 x 20 x 20 | 36 P | 0900025181 |
| 150 x 20 x 20 | 36 P | 0900025262 |
| 175 x 25 x 20 | 36 P | 0900025408 |
| 200 x 25 x 20 | 36 P | 0900025513 |

Grinding wheels, fine



Suitable for: Finish grinding, Screwdrivers, Chisel, Firmer chisels, Turning chisels, Carving tools, Splitting tools, Unhardened metals

| Diameter x thickness x bore mm | Grit and hardness | Order no. |
|--------------------------------|-------------------|------------|
| 120 x 20 x 12 | 60 N | 0900025254 |
| 120 x 20 x 20 | 60 N | 0900025190 |
| 150 x 20 x 20 | 60 N | 0900025270 |
| 175 x 25 x 20 | 60 N | 0900025416 |
| 200 x 25 x 20 | 60 N | 0900025521 |

Tungsten grinding wheels

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

| Diameter x thickness x bore mm | Grit and hardness | Order no. |
|--------------------------------|-------------------|------------|
| 120 x 20 x 20 | 80 J | 0900025203 |
| 150 x 20 x 20 | 80 M | 0900025289 |
| 175 x 25 x 20 | 80 J | 0900025424 |
| 200 x 25 x 20 | 80 J | 0900025556 |

ACCESSORIES FOR DRY-WET GRINDERS

Wet grinding wheels



Suitable for: Finish grinding, Knife blades, Firmer chisels, Turning chisels, Carving tools, Splitting tools, Shears, Unhardened metals

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

ACCESSORIES FOR BELT GRINDING MACHINES

Sanding belts



| Dimensions | 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

| Dressing stick 100 x 25 x 13 mm | Order no. |
|---------------------------------------------------------------------------|------------|
| For the dressing of grinding wheels: blunt grinding abrasives are removed | 0900025858 |

Which grinding disc is suitable for which application?

| | Grinding disc, coarse | Grinding disc, fine | Tungsten grinding disc | Wet grinding disc (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 | | | ● | |