

REDSTRIPE ANGLE GRINDER AWSR 20 COMPACT

AWSR 20 Compact is designed for precision cutting and grinding in metal, stone, and masonry. Its compact, lightweight design ensures better control and reduced fatigue, while the brushless motor technology delivers longer runtime and extended tool life. With three speed settings and built-in safety features, it provides versatile performance without compromising user safety.



**BRUSHLESS
MOTOR**

Voltage	20V
No-load speed	3500/6000/9500min
Power Input	1000W
Spindle size	M14
Inner role	22.2mm
Disc size	115/125mm
Grip diameter	140mm
Machine weight (bare tool)	1.2 kg

- The soft start and anti-restart functions reduce kickback and prevent accidental startups, ensuring safer operation.
- The detachable, dust-proof grate protects the internal components from debris, increasing the tool's longevity.
- Quick Guard Adjustment – Tool-free guard positioning for flexibility across different applications.
- Ergonomic & Slim Grip – The slim body design provides comfort, balance, and better control during extended use.
- All REDSTRIPE machines are compatible only with RED STRIPE batteries

ADVANTAGES

- 3-Speed Control – Offers three selectable speed modes (up to 9,500 RPM) so you can match speed to task and material.
- Overload protection mechanism prevents motor damage under heavy loads, which helps extend the tool's lifespan.

RESTRICTIONS

Use the tool exclusively as a grinder, hole cutter, or cut-off tool.

Sanding, wire brushing, or polishing is not advised unless specifically approved for those tasks. Always refer to the user manual and accessory recommendations when performing polishing activities.

Always use manufacturer-recommended accessories that match the correct size and speed rating.

Do not modify the tool for applications it was not designed for.

Never use damaged or incorrect wheels or discs.

APPLICATIONS

Cutting and grinding metal, stone, concrete, and masonry.

Preparing surfaces, deburring, and finishing edges on metal or masonry workpieces.

Performing workshop maintenance and fabrication tasks that require precise cutting or grinding.

Ideal for automotive tasks such as cutting exhausts, trimming panels, removing rust, and preparing welds.

MODE OF USE

Start at no load to allow the disc to reach full speed before beginning work.

Do not force the disc; reducing disc speed increases working time but prevents damage.

Maintain a 15–30° angle between the disc and workpiece. Larger angles can damage the surface or create ridges. Move the grinder back and forth for an even finish.

Cutting direction matters: When using a cutting disc, only cut opposite to the disc rotation. Changing the angle or cutting with the rotation may stall the disc or break it.

Use diamond discs for very hard materials to achieve best results.

Diamond discs heat up during cutting. If sparks appear all around the disc, stop and allow it to cool at no-load speed for 2–3 minutes.

Secure the workpiece firmly or clamp it to prevent movement during cutting.

SAFETY INFORMATION

Always wear PPE: safety goggles/face shield, dust mask, gloves, hearing protection, and protective clothing.

Keep bystanders clear of the work area.

Always use the auxiliary handle and hold the tool with both hands.

Do not operate near flammable materials (sparks hazard).

Wait until the disc has fully stopped before setting the tool down or changing accessories.

Be aware of kickback: keep a firm grip, avoid binding, and never cut with the side of a cut-off wheel. • Only use guards designed for the chosen accessory, and never run the tool without a guard.

STORAGE CONDITION

The recommended storage temperature of tools and battery is from 0°C to 45°C.

Battery Storage:

- Remove batteries from the tool when not in use.
- Store partially charged batteries (around 40–60%) for long-term storage.
- Avoid contact with metal objects to prevent short circuits.

ADDITIONAL INFORMATION

Your new angle grinder is designed to be easy to use. However, if you encounter any problems, please check the following: 1. If the grinder wheel wobbles or vibrates, ensure that the outer flange is tightened and that the wheel is correctly positioned on the flange plate. 2. If you notice any damage to the wheel, do not use it, as a damaged wheel may disintegrate. Instead, remove the damaged wheel and replace it with a new one. Please dispose of old wheels responsibly. 3. If you are working with aluminum or a similar soft alloy, be aware that the wheel can quickly become clogged, which will reduce its grinding effectiveness.

CROSS SELLING

- Grinding/cutting wheels and discs
- Flap discs
- Wire brush
- Dust shroud
- PPE products

Description	Disc size	Battery type	Qty of battery	Charger type	Qty of charge	Packaging	Art. no.	P. Qty.
20V ANGLE GRINDER, TOOL	125 mm	5Ah	1	20v - 4A	1	Injected plastic case	5702 520 211	1

*Packaging - INJECTED PLASTIC CASE

PACKAGING

