

## SAFETY ANGLE GRINDER



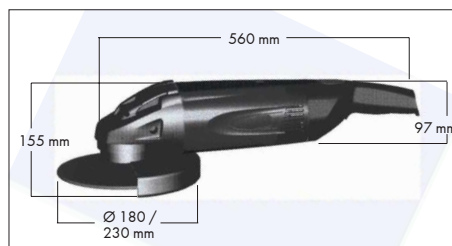
Grinding wheel not included.

### Delivery Scope

Designation	SWS 180 Power Art. No.	SWS 230 Power Art. No.	P. Qty.
Angle Grinder	<b>0702 496 X</b>	<b>0702 498 X</b>	1
Protective Hood with quick-adjustment feature	<b>0708 496 052</b>	<b>0708 498 052</b>	
Additional Handle	<b>0708 496 053</b>	<b>0708 496 053</b>	
Clamping Unit for roughing/cutoff wheel	<b>0708 496 040</b>	<b>0708 496 040</b>	

### Technical Data

	SWS 180 Power	SWS 230 Power
Power consumption	2,500 W	2,500 W
Output	1,700 W	1,700 W
Idling speed	8,500 r.p.m.	6,600 r.p.m.
Voltage	230 V	230 V
Run-out time	< 3 sec.	< 3 sec.
Max. wheel diameter	180 mm	230 mm
Grinding wheel thickness	1 - 10 mm	1 - 8 mm
Mounting hole	22.2 mm	22.2 mm
Cutoff depth with exhaust hood of max.	40 mm	65 mm
Weight	approx. 5.4 kg	approx. 5.4 kg
Protection class	□ /II	□ /II



### Accessories

Designation	SWS 180 Power Art. No.	SWS 230 Power Art. No.	Fig.
Elastic Grinding Wheel for vulcan fiber disks	0702 496 001	0702 498 001	1
Clamping Unit for elastic sanding plate	0702 496 002	0702 496 002	2
Set of Carbon Brushes	0708 496 003	0708 496 003	-
Metal Case, empty	0955 702 496	0955 702 496	-



Toolless wheel changing: Push lever forward and loosen clamping unit. To clamp in, screw on clamping unit and fold lever back.



The handle can be turned 90° to the right and 90° or 180° to the left. Press and turn locking mechanism on the bottom of the housing.

Angle grinders of the highest performance class featuring a unique safety package comprised of a run-out brake, restarting protection, gentle startup and a patented quick-clamping system. Can be operated completely without tools.

For grinding tools up to 180 mm dia.

**SWS 180 Power**  
Art.-Nr. 0702 496 0

For grinding tools up to 230 mm dia.

**SWS 230 Power**  
Art.-Nr. 0702 498 0

- A patented electrical run-out brake stops the wheel completely in less than 3 seconds, reducing the risk of an accident by a wheel that is still moving.
- A patented quick-clamping system for changing wheels without tools secures the tool evenly, thus preventing damage from occurring. Can always be detached manually.
- The quietest angle grinder in its class, thanks to sound insulation (the sound pressure level according to EN 50144 is only 86 dB (A)).
- Optimum working position when grinding or cutting thanks to:
  - A rotating handle with four different settings (in 90° increments, including upward).
  - An additional handle that can be screwed to either the right or left side.
- Electronically-controlled starting current limitation protects the circuit. The angle grinder accelerates gently and evenly.
- Restarting protection prevents accidental startup after an interruption in the power supply.
- Rugged motor with a large power reserve for the toughest applications.
- Optimum dust protection thanks to field bandings and a special air-guidance concept.
- Large ventilation slits ahead of the switch area ensure optimum cooling of the motor and prevent the switch from becoming dirty.
- Long safety switch with a switch-on lock on the top of the housing, which allows the unit to remain locked in the "ON" position for continuous running.
- Protective hood can be turned and removed quickly without tools.
- Switch-off carbon brushes prevent motor damage.
- Service-friendly thanks to a quick-detachable carbon brush cover.
- Handle flare prevents the unit from slipping while being carried.
- The unit can be set down with the wheel facing upward.
- 4 meter connecting cable.
- Quality product made in Germany.
- 3-year warranty.

**Diamond Cutoff Wheels**  
Art. Pre.-No. 0666 ... / 0668 ...  
**Cutoff and Roughing Wheels**  
Art. Pre.-No. 0664 ... / 0669 ... / 0670 ...  
**Fan-Shaped Flap Wheels**  
Art. Pre.-No. 0578 ... / 0579 ...  
**Vulcanized Fiber Disks**  
Art. No. 0580 180 ...

**Not suitable for accessories with a M 14 mount!**