

HEINNER



Instructions - **GB**

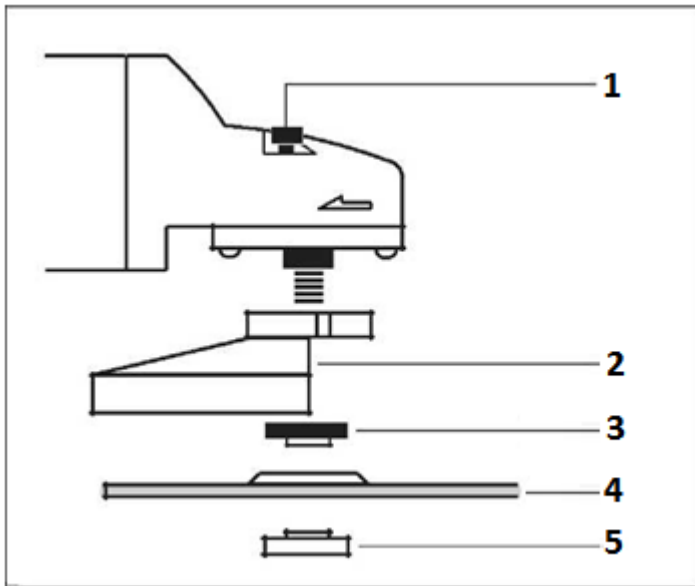
Instrucțiuni de utilizare - **RO**

Anleitung - **D**

Eredeti használati utasítás - **HU**

Ръководство за употреба - **BG**

Instrukcja obsługi - **PL**



- 1 Spindle lock
- 2 Guard
- 3 Clamping flange *
- 4 Grinding wheel
- 5 Flange nut *

* For flange arrangement, see page 6

GENERAL SAFETY AND ACCIDENT PREVENTION REGULATIONS

To work safely with this machine and to prevent accidents it is imperative to read the following safety regulations and operating instructions in full and to put all the information into practice.

- Always check the machine, the power cable and the plug before use. Only ever use the machine if it is in perfect, undamaged condition. Damaged parts are to be repaired or replaced immediately by a qualified electrician.
- Always pull the plug out of the power socket before carrying out any work on the machine, before changing the grinding tool and in periods of non-use.
- Always run the power cable away from the back of the machine to guard it from damage.
- For outdoors work use only suitably approved extension cables with a minimum conductor cross section of 1.5 mm². The plug connectors must have earthing contacts and be rain-water-proof.
- Keep the machine in a safe place and out of the reach of children.
- Always wear goggles, safety gloves and ear muffs when using the machine for grinding, brushing and cutting purposes. Wear a breathing mask on dusty jobs.
- For safety reasons the right-angle grinder is only to be used with the guard hood and the additional handle fitted in place.
- Secure the workpiece (with a clamp) so that it cannot slip.
- It is imperative to use a dust extractor when working on stone (cutting or grinding). Make sure the dust extractor is approved for stone dust.
- **It is prohibited to use the machine on asbestos materials.**
- Please note the accident prevention regulations in force in your country.
- **Caution! Risk of fire!** Make sure there are no combustible materials within the maximum radius of flying sparks when you are cutting and grinding materials.
- Use only original spare parts.
- Repairs are to be carried out by qualified electricians only.
- The level of noise at the workplace may exceed 85 dB(A). In this case, you will need to introduce noise protection measures for the user. The noise produced by this electric tool is measured in accordance with IEC 59 CO 11, IEC 704, DIN 45635 Part 21, NFS 31-031 (84/537/EEC).
- Make sure of your footing. Avoid abnormal working positions.
- Keep your electric tool out of the rain. Never use electric tools in wet or damp conditions, and never use them near inflammable liquids.
- Never carry the machine by its power cable. Keep the power cable safe from damage. Oil, solvent and sharp edges can damage cables.
- Keep your workplace tidy.
- Make sure the power switch is off before inserting the plug in the socket.
- Wear suitable clothing. Never wear loose-fitting clothes or jewelry. Use a hair-net on long hair.
- For your own safety, use only the manufacturer's accessories and attachments.
- Vibration measured according to ISO 5349.

OPERATING INSTRUCTIONS FOR ANGLE GRINDERS

The machine is light, handy, totally insulated and designed in compliance with the international specifications CEE 20. Provided it is serviced as described in these instructions, the machine will serve you for a long time.

VOLTAGE

Before you use the machine for the first time, check that the voltage marked on the rating plate is the same as your mains voltage.

SWITCH

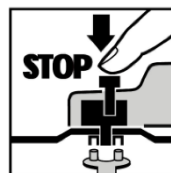
The angle grinder is fitted with a safety switch to prevent accidents. To switch on, press the rocker switch and the button on the side simultaneously.

REPLACING THE GRINDING WHEEL

Pull out the power plug.

Simple wheel change by spindle lock:

1. Press the spindle lock and allow the grinding wheel to latch in place.
2. Open the flange nut with the face spanner.
3. Change the grinding or cutting wheel and tighten the flange nut with the face spanner.



Important!

- Only ever press the spindle lock when the motor and grinding spindle are at a standstill!
- You must keep the spindle lock pressed while you change the wheel!
- For grinding or cutting wheels up to approx. 3 mm thick, screw on the flange nut with the flat side facing the grinding or cutting wheel.

TEST RUN FOR NEW GRINDING WHEELS

Allow the right-angle grinder to run in idle for at least 1 minute with the grinding or cutting wheel fitted in place. Vibrating wheels are to be replaced immediately.

ADJUSTABLE HANDLE

You can adjust the handle by turning it through 90° to the left and right. To do so, pull back the orange locking plate a little and turn the handle through 90° to the right or left.

Important! The orange locking plate has to engage with an audible click! Check that the handle is securely locked in the required position.

MOTOR

It is vital for the motor to be well ventilated during operation. Be sure, therefore, to keep the ventilation holes clean at all times.

GRINDING WHEELS

Never use a grinding or cutting wheel bigger than the specified diameter.

Before using a grinding or cutting wheel, check its rated speed. The wheel's rated speed must be higher than the idle speed of the right-angle grinder.

Use only grinding and cutting wheels that are approved for a maximum speed of 11,000 rpm and a peripheral speed of 80 m/sec.

OPERATING MODES

- **Rough grinding:**

For the best rough grinding results, hold the grinding wheel at an angle of between 30° and 40° to the workpiece surface and guide back and forth over the workpiece in steady movements.

- **Cutting:**

When you use the right-angle grinder for cutting purposes, avoid tilting it in the cutting plane.

The cutting wheel must have a clean cutting edge.

A diamond cutting wheel is best used to cut hard stone.

It is prohibited to use the machine on asbestos materials!

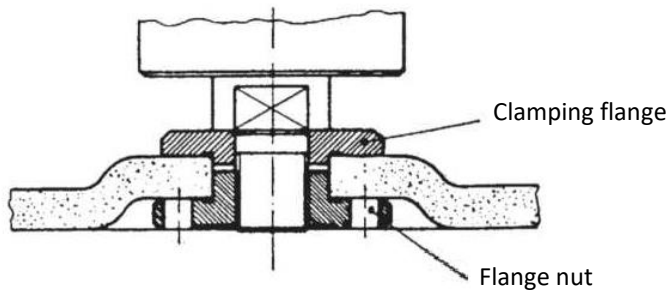
Never use a cutting wheel for rough grinding.

TECHNICAL DATA

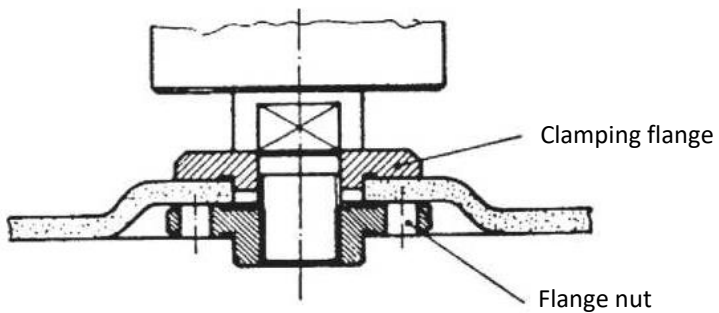
Nominal voltage:	230 V ~ 50 Hz
Power consumption:	2100 W
Idle speed:	6000 rpm
Max. wheel diameter:	230 mm
Drive spindle thread:	M 14
Sound pressure level LPA:	90 dB(A)
Sound power level LWA:	100.6 dB(A)
Vibration aw	3 m/s ²

FLANGE ARRANGEMENTS WHEN USING GRINDING WHEELS AND CUTTING WHEELS

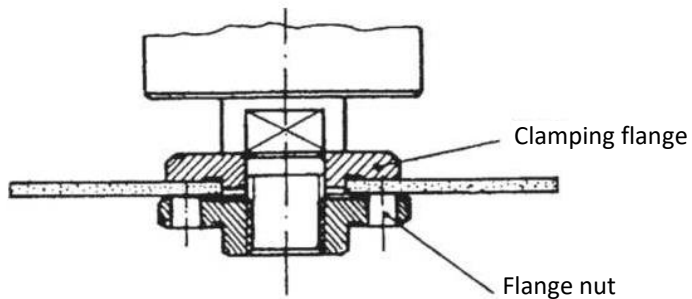
Flange arrangement when using a depressed-centre or straight grinding wheel:



Flange arrangement when using a depressed-centre cutting wheel:



Flange arrangement when using a straight cutting wheel:



RECYCLING

Electrical and electronic equipment waste (WEEE) might contain dangerous materials which can have a negative impact on the environment and human health if not collected separately. This item is in conformity with the European Directive EU WEEE (2012/19/EU) and is marked with an electronic and electrical waste logo graphically represented in the image below.



This icon shows that WEEE should not be collected with household waste but separately.

We recommend you to consider the following:

- Materials and components used when manufacturing this item are high quality materials which can be reused and recycled;
- Do not throw away the item with household waste at the end of life;
- Take the item to a collecting point where it will be collected for free;
- Please contact the local authorities for details on the collecting centers.

Conformity with the RoHS Directive: the item you purchased is in conformity with the EU Directive RoHS (2011/65/UE). It does not contain materials listed as harmful or prohibited in the Directive.

Thank you for helping us protect the environment and our health!

Manufactured for
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