

Abrasive Cutter WetCut 55

- ruggedly designed cutter with 3 axis degree of freedom (x y z)
- cut-off wheel diameter 356 mm
- cutting capacity diameter 105 mm
- manual cutting, optional motorized action
- motorized height positioning of the cut-off wheel (z-axis); no chop cut
- manual delivery of the cut-off wheel in x-direction by means of parallel cuts
- iron casting cutting table, coated with chemical nickel

Technical Data:

Motor power: 5,5 kW (7,5 HP) mit 1400 rpm

Cut-off wheel*: diameter 356 mm

Cutting capacity: diameter 105 mm

Table movement (traverse cut): 220 mm

Maximum height of cut-off wheel (356 mm/14") above the table: 110 mm

Lateral movement (x): 120 mm, digital display with 0.1 mm reading accuracy

Cutting table: 410 x 310 mm (W x D) iron casting cutting table, coated with chemical nickel, 12 mm T-slots bed

Power supply: 400V / 50 Hz / 3 phases

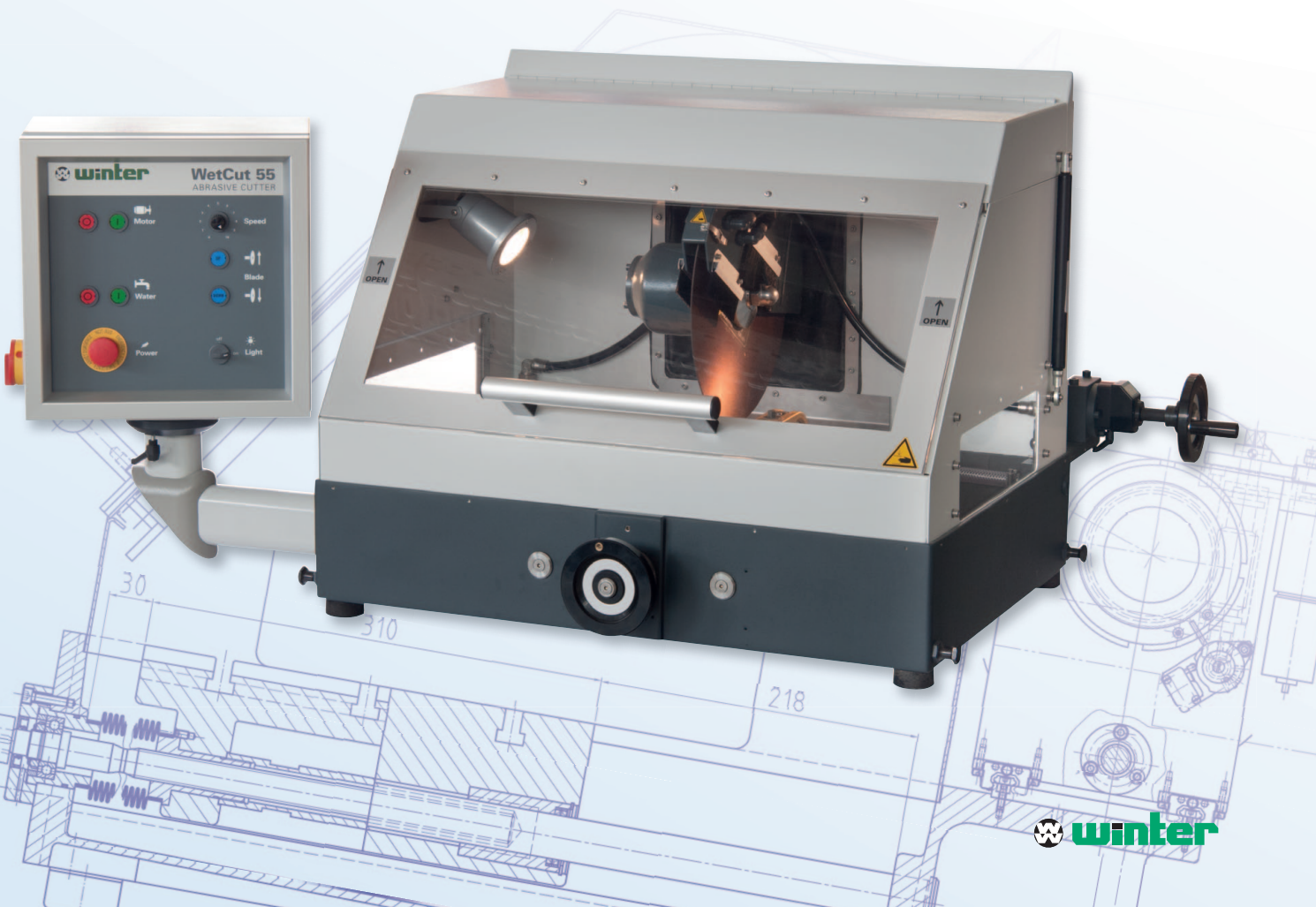
Security features: Electro-mechanical locking of the hood, while the cut-off wheel is rotating, emergency stop button, CE marking

Additional features: Cleaning hose, lit cutting chamber, large viewing window

Weight: 260 kgs

Dimensions: 1540 x 1010 x 700 mm (W x D x H)
respectively 1540 x 1010 x 1020 mm (W x D x H, at open hood)

* cut-off wheels, consumables and accessories (e.g. clamping equipment, etc.) are not part of the scope of supply



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WetCut 55 is a cutter in rugged design for a wide-range of applications in metallography and for cutting requirements in production. It is on duty since more than 10 years at well-known end users worldwide. Additional cutters with different performance parameters are available with the Types Cuto 20, Cuto 35, WetCut 75 and WetCut 110.

The WetCut 55 cutter uses a moving bed arrangement, with the movement of the cutting table achieved manually by rotating the spindle. Automatic motion of the table can be installed upon request.

The vertical position of the cutting arm is motorized and set from the control panel. This allows optimal usage of the by means of tracking the cutting wheel in case that it wears off. The position of the cutting wheel can be adjusted in the x-axis (left-right) for parallel cutting.

The machine consists of an alloy cast base, onto which the cutting chamber is mounted. The cutting table is made of cast iron and coated with chemical nickel, providing a maximum of corrosion resistance and wear protection.

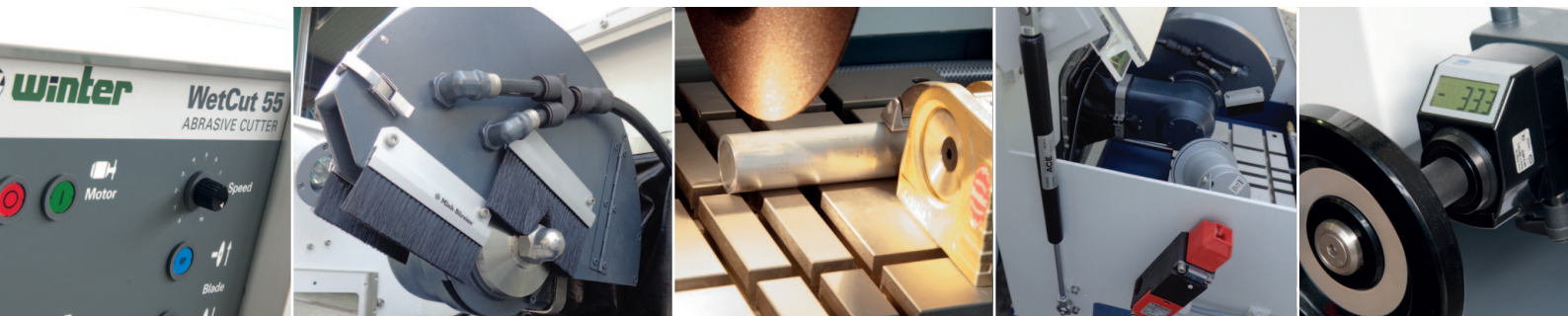
The motor is mounted behind the cutting chamber, allowing greater room for positioning of large pieces.

The electronic control is located sideways from the cutting chamber in a separate control panel.

T-slots of 12 mm in the x and y direction allow flexibility in arranging the work piece with a variety of vises.

The machine is supplied with an integrated hose for easy cleaning of the cutting chamber.

Special designs and additional appliances available upon request!



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