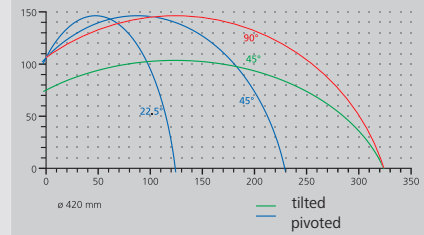
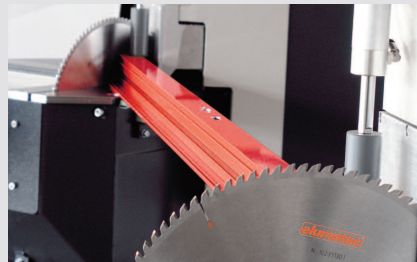
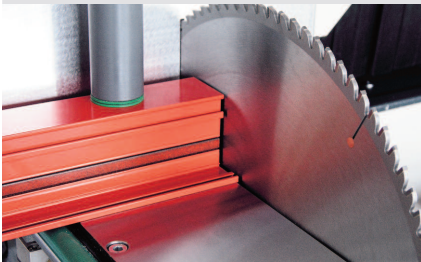




Double mitre saw DG 104



- > The optimum double mitre saw for the series production as well as for special applications
- > The universal pivoting and tilting of both saw heads allows cutting of high and wide profiles, as well as all kind of compound mitres. Many of the profiles can be cut without support blocks
- > Cutting of point to point dimension of all variants.
Therefore no complicated length calculation is necessary.
This is a big advantage when cutting special angles
- > Pivoting range with digital angle display
- > Safety hoods
- > Standard equipped with saw blades
- > Standard equipped with digital display E 111
- > Pulsed coolant system

Technical information

- > Minimum cutting length 90° 350 mm
- > Minimum cutting length 45° tilted 350 mm
- > Pivoting range inwards 90°- 45° (up to 22.5° manual with digital display)
- > Tilting range inwards pneumatic 90°- 45°
- > Cutting capacity see cutting diagram
- > Saw blade diameter 420 mm
- > Spindle speed 2800 r.p.m.
- > Power supply 230/400 V, 3~, 50 Hz
- > Power output each motor 4 kW
- > Compressed air supply 7 bar
- > Air consumption per working cycle 40 l without mist spray, 64 l with mist spray

Cutting length variants

- > 3000 mm
- > 4500 mm
- > 6000 mm

Optional

- > DG 104 M machine base made of steel sheet (Cutting length 4500 mm, 6000 mm)
- > Hydro-pneumatic saw feed
- > Profile lifting bars
- > Additional software for E 555: Optimizing program, software module for cut-off and oversize length cuts
- > Mobile or automatically hinged workpiece supports
- > Material clampings
- > Transom and first cut
- > Label printer for E 355 and E 555
- > Disk drive for E 355
- > Exhaust connectors, extraction system
- > Automatic cut-offs
- > Roller conveyors
- > Saw blades
- > High performance cutting fluid



Electronic variants

Manual cutting length adjustment with digital display E 111

- > Accurate length setting by digital display
- > Switchover from absolute size to chain size
- > Storage of actual value for display when mains is switched off
- > Rapid read - out by digital display - resolution 0.1 mm
- > Switch to convert mm/inch
- > Input of any desired reference value by means of keypad

Positioning control E 355

- > Measurement system independent from drive
- > Positioning accuracy +/- 0.1 mm per meter
- > Pneumatically locked on position
- > 5.7" matrix display with foil keyboard and hand wheel for navigation through the operation menus
- > With 1000 memory positions. Correction values assigned to profiles
- > The position number, length dimension, profile number, angular position and quantity can be set in the position memory.
- > Selection of another language
- > Switch to convert mm/inch
- > Interface RS 232
- > Interface USB at the front side



Optional

- > Label printer

PC Control E 555/1

- > Cut length measurement by means of absolute measuring system independent from drive
- > Pneumatically locked-on position
- > Robust, low - wear direct drive for moving saw head
- > Ergonomic location of the control unit
- > PC with windows operation system for operating the machine
- > 400 MHz -CPU, 256 MB Ram, 2 GB flashdisk
- > 4 USB interfaces
- > 8.4"- colour display with background lighting
- > 4 serial interfaces (RS 232)
- > Network card connection RJ45, 10/100 MBit
- > Foil keyboard and hand wheel for navigation through the operation menus
- > Facility to connect additional keyboard and mouse



PC Control E 555/3

- > See E 555/1 however:
- > 3-axis control for the cutting length and pivoting angles positioning
- > Pivoting range automatic inwards and outwards 22.5° - 90° - 140°

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