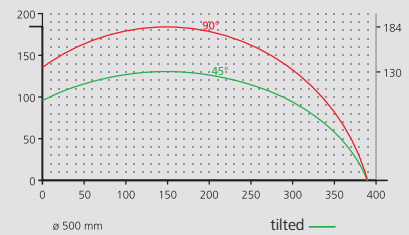
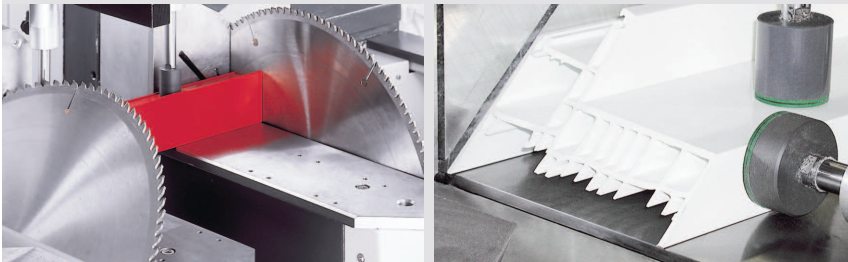




Double mitre saw DG 142



- > Cutting of point to point dimension of all variants
- > Ideal machine for high volume production when cutting 90° and 45°
- > Standard equipped with saw blades
- > Standard equipped with digital display E 111
- > Vertical pneumatic material clamping
- > Safety hoods

Technical information

- > Minimum cutting length 90° 370 mm
- > Minimum cutting length 45° tilted 370 mm
- > Tilting range inwards 90°- 45°
- > Cutting capacity see cutting diagram
- > Saw blade diameter 500 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
- > Intermediate angle optional 90° - 45°

Cutting length variants

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

Optional

- > DG 142 M machine base made of steel sheet (only at cutting length 4500 mm)
- > Intermediate angle setting by hand wheel and digital display E 111
- > Additional software for E 555: Optimizing program, software module for cut-off and oversize length cuts
- > Label printer for E 355 and E 555
- > Movable or automatic pivotable workpiece supports
- > Material clampings
- > Transom and first cut
- > Extraction system
- > Roller conveyor
- > Saw blades
- > High performance cutting fluid



Electronics 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

For further information please contact:

- > elumatec GmbH | Pinacher Straße 61 | D 75417 Mühlacker
- > Tel. +49 (0)7041 14-266 | Fax +49 (0)7041 14-282 | sales@elumatec.de

The right to make alterations is reserved

