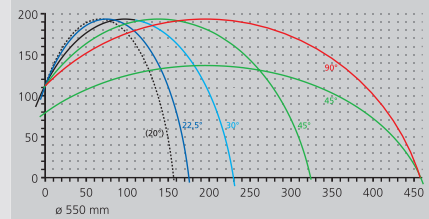
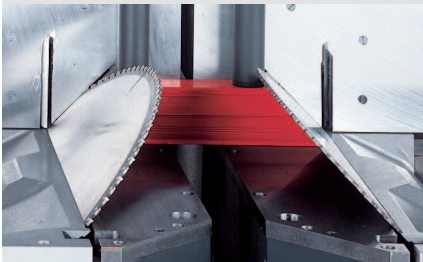




## Double mitre saw DG 244



The reliable elumatec principle „Cutting from underneath“:

- > Therefore free access to support table
- > Big saw blade diameter and optimum use of the saw blade offers sufficient cutting capacity for all cutting variants
- > Standard for elumatec: Cutting to point to point dimensions at all angle positions and of all variants.  
Therefore no length calculation is necessary when cutting profiles of different heights
- > The universal pivoting and tilting of both saw heads allows cutting of high and wide profiles.  
Many of them can be cut without support blocks. Possibility of cutting compound mitres
- > 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
- > Safety hoods
- > Standard equipped with saw blades
- > Pulsed coolant system

### Technical information

- > Minimum cutting length 90° 375 mm
- > Minimum cutting length 45° tilted 375 mm
- > Pivoting range inwards pneumatically 90°- 45° (manually up to 22.5° inwards and up to 140° outwards with digital display)
- > Tilting range inwards pneumatically 90°- 45° (angles between 90° and 45° manually adjustable with digital display and turret stop)
- > Cutting capacity see cutting diagram
- > Saw blade diameter 550 mm
- > Spindle speed 2250 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

- > 4500 mm
- > 6000 mm

### Optional

- > DG 244 M machine base made of steel sheet
- > 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
- > Extraction systems
- > Automatic cut-offs
- > Roller conveyor
- > Saw blades
- > High performance cutting fluid

## Electronic variants

### 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 cutting length and pivoting angles positioning
- > Pivoting range automatic inwards and outwards 22.5° - 90° - 140°

### PC-Steuerung E 555/5

- > See E 555/1 however:
- > 5-axis control for the cutting length, pivoting and tilting angles positioning
- > Pivoting range automatic inwards and outwards 22.5° - 90° - 140°
- > Tilting range automatic inwards 90° - 45°

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