

DG 244

Double Miter Saw



The DG 244 Double Miter Saw uses the reliable elumatec principle of 'Cutting from below'

- Provides unhindered access to the support table
- The 550 mm (21.6 in.) saw blade diameter and optimal use of the saw blade offer an ideal cutting capacity for all cutting variations
- Standard for elumatec: External dimension cuts at all angle positions. This means no length calculations are necessary when cutting profiles of different heights or special angles
- The universal pivoting and tilting of both saw heads allows cutting of high and wide profiles as well as every type of compound miter. Consequently, many profiles can be cut without special fixtures
- Safety hoods cover the cutting area
- Equipped with saw blades as standard
- Pulsed coolant system
- Spray mist blade lubrication
- One (1) year limited warranty

Technical specifications

- Minimum cutting length at 90° blade tilt: 375 mm (14.8 in.)
- Minimum cutting length at 45° blade tilt: 375 mm (14.8 in.)
- Pivoting range inwards: pneumatically, 90°–45° (manually up to 22.5° inwards and up to 140° outwards with digital position display)
- Tilting range inwards: pneumatically, 90°–45° (intermediate angles manually adjustable with digital position display and turret stop)
- Pivoting and tilting controlled by servo motors with digital position display on machines with the E 580 Controller
- Pneumatic blade feed
- For cutting range, refer to the cutting diagram on the following page
- Saw blade diameter: 550 mm (21.6 in.)
- Saw blade speed: 3,400 rpm
- Power supply: 240/480 V, 3 phase, 60 Hz (contact elumatec North America for details other voltages)
- Power output per motor: 4 kW (5.3 hp) standard; 5.5 kW (7.4 hp) available
- Compressed air supply: 7 bar (100 psi)
- Air consumption per working cycle: 64 l (2.25 cubic feet) with spray mist blade lubrication

Available Cutting Lengths

- 4,500 mm (approximately 15 feet)
- 6,000 mm (approximately 20 feet)
- 7,500 mm (approximately 25 feet)

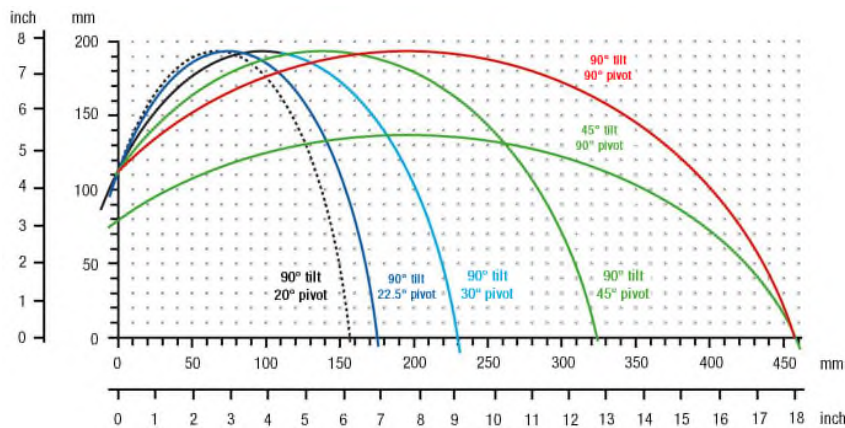
Available Options

- Hydro-pneumatic saw feed
- Profile lifting bars
- Additional software for the E 580 Controller: Optimization program, Software module for chop and oversize length cuts
- Mobile or automatically retractable profile supports
- Material clamping units
- Transom stops and lead-cut stops
- Label printer for machines with the E 355 or E 580 controllers
- Exhaust connectors and chip extraction system
- Roller conveyors
- Saw blades
- Other options available: contact elumatec North America for details

Controller Options

- E 355 Positioning control
- E 580 PC control

Cutting Diagram



Please consult elumatec North America for sizes outside the dimensions shown above
Capacities can vary depending on the clamping used

DG 244 Dimensions

	4.5 m (approx. 15 ft.)	6 m (approx. 20 ft.)	7.5 m (approx. 25 ft.)
Width:	6,050 mm (238.2 in.)	7,550 mm (297.2 in.)	9,050 mm (356.3 in.)
Depth:	1,350 mm (53.1 in.)		
Height:	1,550 mm (61 in.)		
Weight:	1,880 kg (4,145 lb.)	1,955 kg (4,310 lb.)	2030 kg (4,475 lb.)

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