

DG 142

Double Miter Saw



- External-dimension cuts possible for all cutting variants
- Ideal machine for high-volume series production when cutting at 90° and 45°
- Equipped with saw blades as standard
- Equipped with digital display E 111 as standard
- Vertical pneumatic material clamping
- Safety hoods over cutting area
- Spray mist blade lubrication
- One (1) year limited warranty

Technical specifications

- Minimum cutting length at 90° blade tilt: 370 mm (14.6 in.)
- Minimum cutting length at 45° blade tilt: 370 mm (14.6 in.)
- Pneumatic blade feed
- For cutting range, refer to the cutting diagram on the following page
- Saw blade diameter: 500 mm (19.6 in.)
- Saw blade speed: 3,400 rpm
- Power output per motor: 4 kW (5.3 hp) standard; 5.5 kW (7.3 hp) available
- Power supply: 240/480 V, 3 phase, 60 Hz (contact elumatec North America for other voltages)
- 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 for the DG 142

- 3,000 mm (**approximately** 10 feet)
- 4,500 mm (**approximately** 15 feet)
- 6,000 mm (**approximately** 20 feet)

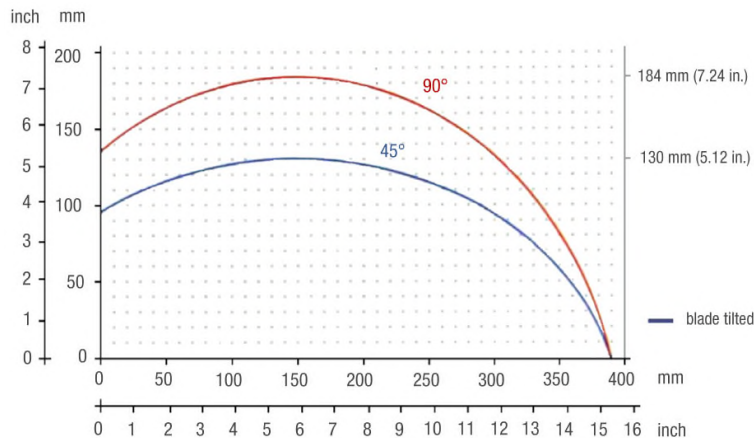
Available Options for the DG 142

- Intermediate tilt angle setting by hand wheel and E 111 digital display
- Hydro-pneumatic blade feed
- Profile lifting bars
- Software for the E 580 Controller: software module for chop and oversize length cuts, optimization program
- Mobile or automatically retractable work piece supports
- Material clamping units
- Transom stop and lead-cut stop
- Label printer for machines with the E 355 and E 580 controllers
- Exhaust connectors, extraction system
- Push mode for automatic cutting
- Roller conveyors
- Saw blades
- Other options available: contact elumatec North America for details

Controller Options for the DG 142

- Manual cutting length adjustment with the E 111 digital display
- E 355 positioning control for cutting length
- E 580 PC Control

DG 142 Cutting Diagram



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

DG 142 Dimensions

	3 m (approx. 10 ft.)	4.5 m (approx. 15 ft.)	6.0 m (approx. 20 ft.)
Length:	4,380 mm (172.4 in.)	5,880 mm (231.5 in.)	7,380 mm (290.6 in.)
Height:	1,500 mm (59.0 in.)		
Depth:	1,400 mm (55.1 in.)		
Weight:	1,320 kg (2,910 lb.)	1,430 kg (3,155 lb.)	1,550 kg (3,420 lb.)
Working Table Height:	1,012 mm (39.8 in.)		

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