

# DG 79

## DOUBLE MITRE SAW



### DOUBLE MITRE SAW DG 79



#### Description

- The solid cast construction with integrated turn table ensures optimal profile support for cutting to length with angular accuracy
- Continuous pivoting range adjustment of the saw heads from 0° to 45° to the left and right. This makes external and internal dimension cuts possible
- Vertical and horizontal pneumatic material clamping units ensures optimal profile fixation
- Equipped with saw blades as standard
- Equipped with digital display E 111 as standard
- Pulsed coolant system

#### Technical specifications

- Minimum cutting length at 90° 520 mm
- Minimum cutting length pivoted at 45° 520 mm
- Positive location points at 15°, 30°, and 45°
- Pivoting range from 0° to 45° continuously adjustable
- Hydro-pneumatic saw feed
- For cutting range, see cutting diagram
- Saw blade diameter 380 mm
- Saw blade speed 2,800 rpm
- Power supply 230/400 V, 3~, 50 Hz
- Power output per motor 3 kW
- Compressed air supply 7 bar

## Cutting length variants

- 3,000 mm
- 4,500 mm
- 6,000 mm

## Options

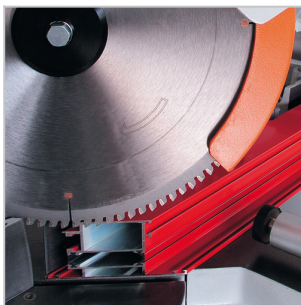
- DG 79 M machine bed made of steel sheet (cutting length 3,000 mm, 4,500 mm)
- Workpiece supports
- Transom stop
- Extraction system
- Material clamping units
- Roller conveyors
- Saw blades
- High performance cutting fluid



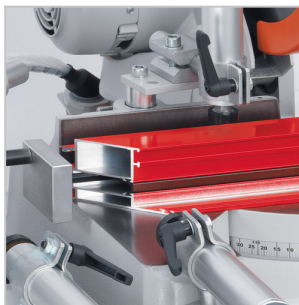
**Double mitre saw DG 79**  
DG 79 + E 111



**Double mitre saw DG 79 M**  
DG 79 M + E 355



**Double mitre saw DG 79**



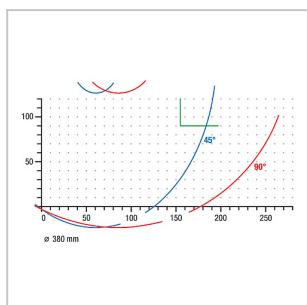
**Double mitre saw DG 79**



**Double mitre saw DG 79**



**Double mitre saw DG 79**



**Double mitre saw DG 79**  
Cutting diagram DG 79

# E 355

## POSITIONING CONTROL



### POSITIONING CONTROL E 355



#### Description

- Measuring system is independent of drive
- Positioning accuracy +/- 0.1 mm per metre
- Pneumatic locking at position
- 5.7" matrix display with membrane keyboard and hand wheel for navigation through the operation menus
- Memory for 1,000 data records. Correction values for profiles
- The block number, length dimension, profile number, angular position and quantity can be saved in the memory
- Language selection
- Switching between mm/inches
- RS 232 interface
- USB port on the front

#### Option

- Printer



Positioning control E 355

# E 111

## MANUAL CUTTING LENGTH ADJUSTMENT WITH DIGITAL DISPLAY



### MANUAL CUTTING LENGTH ADJUSTMENT WITH DIGITAL DISPLAY E 111



#### Description

- Accurate dimension adjustment using digital display
- Switching from absolute dimensions to chain dimensions
- Actual values of the display are stored when mains is switched off
- Quick read-out from the digital display. Resolution 0.1 mm
- Switching between mm/inches
- Input of any desired reference value by means of front keypad



## Manual cutting length adjustment with digital display E 111