



DG142 XL

DOUBLE MITRE SAWS



- 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 and safety hoods as standard
- Equipped with E 190 digital display and handwheel adjustment as standard
- Vertical pneumatic material clamping unit

Cutting length variants

- 3,000 mm
- 4,500 mm
- 6,000 mm
- 7,500 mm
- Additional lengths on request!

Options

- Manual angle adjustment for each unit, digital
- Additional software for E 590: optimisation program, software module for chop and oversize length cuts for E 590 and E 390 as standard
- Label printer for variants with E 390 and E 590
- Mobile workpiece support
- Material clamping units
- Transom stop and lead-cut stop
- Extraction system
- Stationary and/or travelling roller conveyor
- Saw blades
- 5.5 kW motors for aluminium machining
- Hydro feed for aluminium machining
- High performance cutting fluid for aluminium machining
- Pulsed coolant system for aluminium machining
- Cycling
- Safety fence

Controller variants



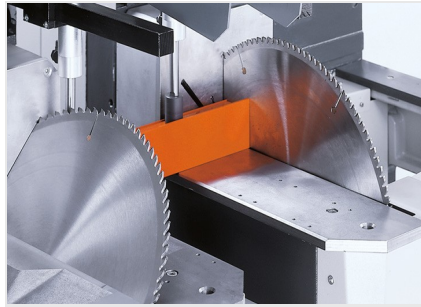
- Manual cutting length adjustment with E 190 digital display
- Positioning control E 390
- PC control E 590



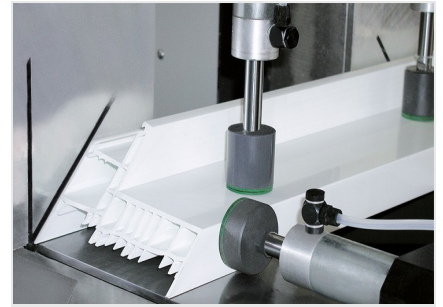


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**01. Double mitre saw DG
142 XL**



**02. Double mitre saw DG
142 XL**



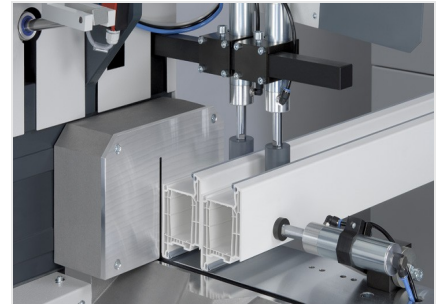
**03. Double mitre saw DG
142 XL**



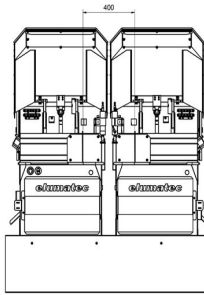
**04. Double mitre saw DG
142 XL**



**05. Double mitre saw DG
142 XL**

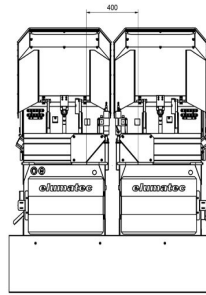


**06. Double mitre saw DG
142 XL**



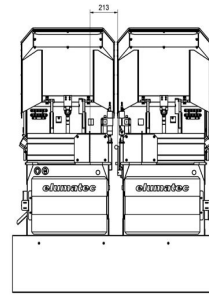
07. Double mitre saw DG 142 XL

Minimum dimension for 90° cut: 400 mm



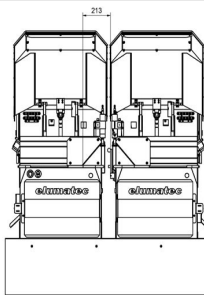
08. Double mitre saw DG 142 XL

Minimum dimension for 45° cut: 400 mm



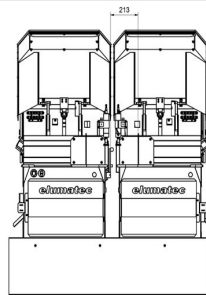
09. Double mitre saw DG 142 XL

Minimum dimension for 90° cut with short stop on the travelling unit: 213 mm



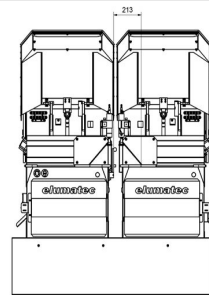
10. Double mitre saw DG 142 XL

Minimum dimension for 45° cut with short stop on the travelling unit: 213 mm



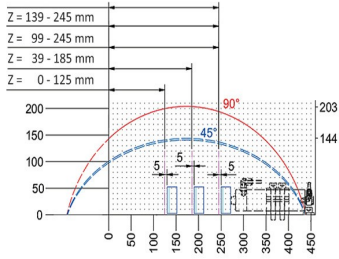
11. Double mitre saw DG 142 XL

Minimum dimension for 90° cut with short stop on the stationary unit: 213 mm



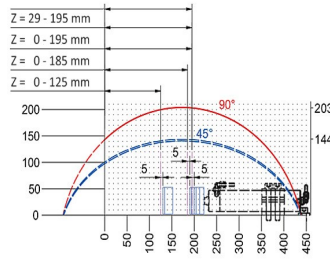
12. Double mitre saw DG 142 XL

Minimum dimension for 45° cut with short stop on the stationary unit: 213 mm



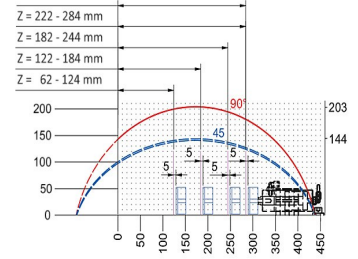
13. Cutting diagram DG 142 XL

Pneumatic clamping device horizontal travel = 80 Z = clamping range



14. Cutting diagram DG 142 XL

Pneumatic clamping device horizontal travel = 140 Z = clamping range



15. Cutting diagram DG 142 XL

Pneumatic clamping device horizontal travel = 40 Z = clamping range





DG 142 XL / DOUBLE MITRE SAWS

- Minimum cutting length at 90° 400 mm
- Minimum cutting length tilted at 45° 400 mm
- Tilting range inwards 90° - 45°
- For cutting range, see cutting diagram
- Saw blade diameter 550 mm
- Saw blade speed 2,800 rpm
- Power supply 230/400 V, 3~, 50 Hz
- Power output per motor 4 kW
- Compressed air supply 7 bar

Air consumption per working cycle 40 l without spraying, 64 l with spraying