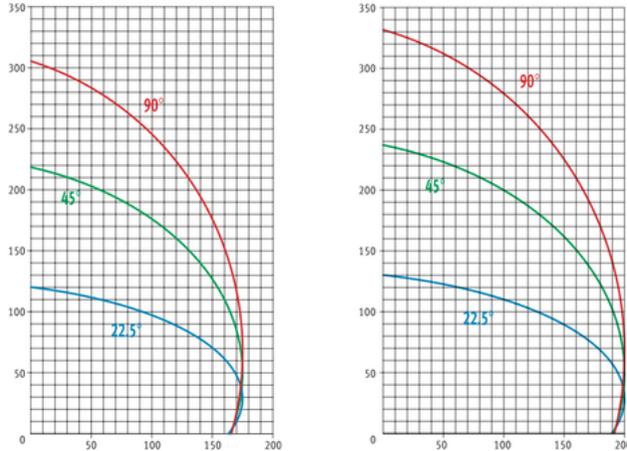


Double-head front cutting machine

DH 500 A - DH 550 A

Cutting diagram

DH 500 AE DH 550 AE



TECHNICAL CHARACTERISTICS

- No. 2 three-phase motors 2.2 kW - 400V - 50Hz
- N° di giri: 2800 min⁻¹
- Useful cutting length: 6000 mm (DH 500 A – 6000 and DH 550 A – 6000)
- 4000 mm (DH 500 A – 4000 and DH 550 A – 4000)
- Minimum cut: 320 mm (with heads tilted at 45°)
- Blade diameter: 500 mm (DH 500 A) – 550 mm (DH 550 A)
- Blade shaft diameter: 32 mm
- Operating pressure: 7 bar
- Head tilting at any angle between 90° and 22.5° using brushless motors with sensors on magnetic strips and pneumatic locking in cutting position
- Head tilt typing with control of the minimum distance between the heads

- Positioning of the moving head by means of a brushless motor with a sensor on a magnetic band and pneumatic locking in the cutting position
- Entering the positioning quota of the moving head with control of the minimum distance between the heads
- Pneumatic-hydraulic blade advancement
- Controls for adjusting blade output speed
- Oil lubrication using a variable flow nebulizer
- Clamping system with differentiated pressure and safety servo valves
- Machine dimensions: 960 mm (a) x 1600 mm (b) x 1750 mm (c)
- (DH 500 A – 6000 and DH 550 A – 6000)
- 760 mm (a) x 1600 mm (b) x 1750 mm (c)
- (DH 500 A – 4000 and DH 550 A – 4000)
- Machine weight: 2050 Kg (DH 500 A – 6000 and DH 550 A – 6000)
- 1700 Kg (DH 500 A – 4000 and DH 550 A – 4000)

Double-head front cutting machine

DH 500 A - DH 550 A**STANDARD EQUIPMENT**

- Hard metal blades
- Pair of pneumatic horizontal vices
- Pair of pneumatic vertical vices
- Filter reducer group with 2 air guns
- Profile support roller conveyor L = 2000 mm
- Scrap conveyor chute
- Provision for connection of extractor fan
- Installation, use and maintenance manual in the following languages:
- Service keys

ACCESSORIES ON REQUEST

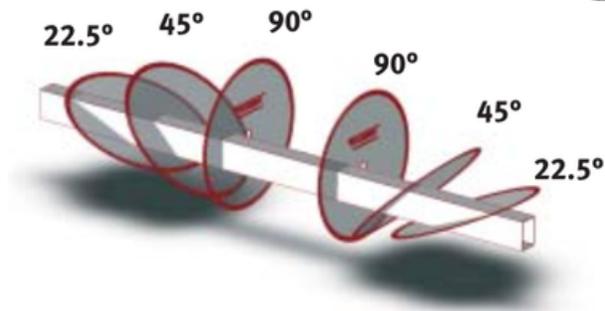
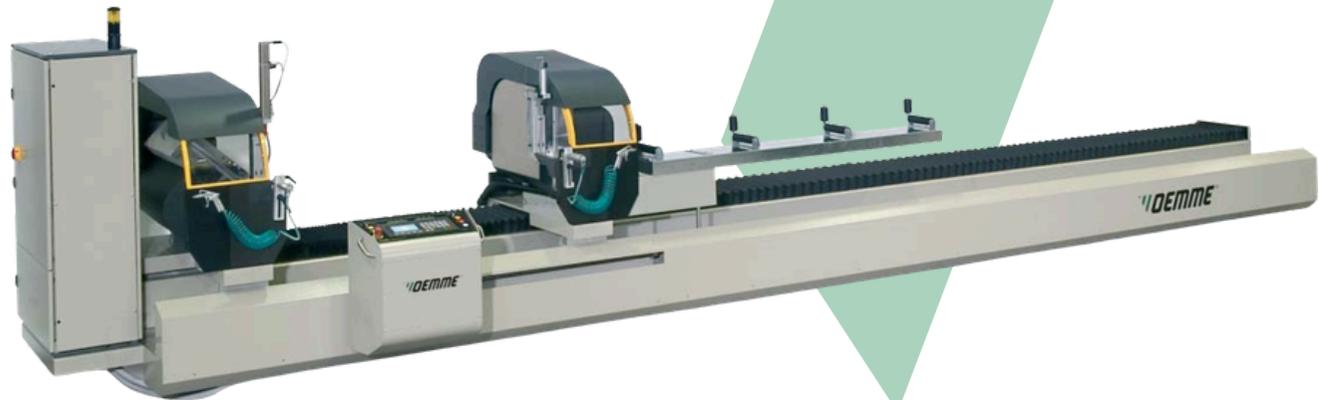
- Chip conveyor belt
- Excludable profile support
- Sensor for detecting profile thickness
- Touch screen PC kit with software for cutting optimization and barcode label printing
- Aspirator
- Counter-profiles for profile clamping
- Cutting oil

AVAILABLE VERSIONS

- DH 500 A – 4000
- DH 500 A – 6000
- DH 550 A – 4000
- DH 550 A – 6000

DH 500 AE - DH 550 AE

- **Head tilting at any angle between 90° and 22.5° externally managed directly by the NC**
- **Moving head positioning managed directly by the NC**
- **Brushless motors with magnetic strip sensors for head tilt control**
- **Brushless motor with magnetic strip sensor for moving head positioning control**
- **Minimum cut: 320 mm (DH 500 A and DH 550 A with heads inclined at 45°)**
- **DH 500 A: lama Ø500 mm**
- **DH 550 A: lama Ø550 mm**



Double-head front cutting machine

DH 500 A - DH 550 A

CONTROL FEATURES

- OCD 282 industrial control system with LCD display
- Alphanumeric membrane keyboard
- Floppy disk
- Provision for connection to remote PC and barcode label printer via RS232
- Cutting list management
- Step-by-step cutting execution
- Making undersized cuts
- Execution of custom cuts
- Control of the minimum distance between the heads to avoid collisions when making inclined cuts
- Storage of a profile archive with code, thickness and any counter-shape
- Provision for connection to a probe for profile height detection



The use of brushless motors with sensors on magnetic strips guarantees high positioning precision and excellent repeatability



The roller conveyor can be combined with a mobile profiled support along the longitudinal axis and is equipped with a pneumatic system for resetting after exclusion



The particular structure allows both the DH 500 A and the DH 550 A to make a minimum cut of 320 mm with both heads inclined at 45°