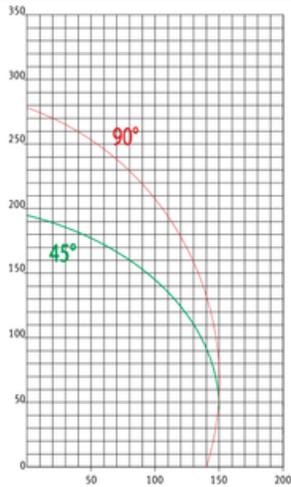


Double-head front cutting machine

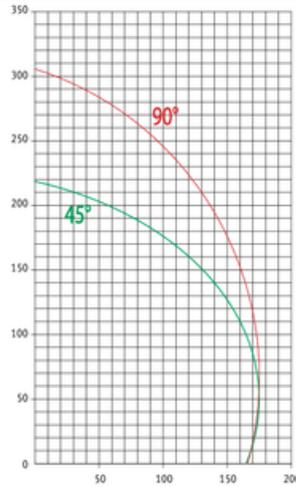
DH 500 AP - DH 550 AP

Cutting diagram

DH 450 AP



DH 500 AP



TECHNICAL CHARACTERISTICS

- No. 2 three-phase motors 2.2 kW - 400V - 50Hz
- N° di giri: 2800 min⁻¹
- Useful cutting length: 4000 mm (can be increased with optional support)
- Minimum cut: 280 mm with heads tilted at 45°
- 250 mm with 90° head
- Diameter: 450 mm (DH 450 AP) – 500 mm (DH 500 AP)
- Blade shaft diameter: 32 mm
- Operating pressure: 7 bar
- Pneumatic head tilting with mechanical stops at 90° and 45° external angles
- 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: 7600 mm (a) x 1600 mm (b) x 1500 mm (c)
- Machine weight: 1850 kg

Double-head front cutting machine

DH 500 AP - DH 550 AP

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

- Excludable profile support
- Profiled intermediate support
- Profile thickness detection probe
- Additional presser for roller conveyor
- Aspirator
- Minimal lubrication kit
- 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 AP - DH 550 AP

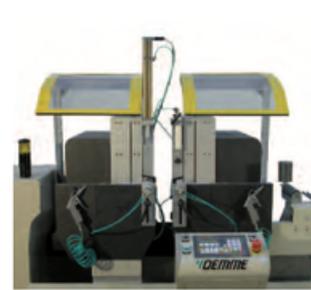
- **Double-head cutting machine with front blade exit**
- **Pneumatic head tilting with mechanical stops at 90° and 45° external angles**
- **Moving head positioning managed directly by the NC**
- **Brushless motor with magnetic strip sensor**
- **for moving head positioning control**
- **Taglio minimo: 280 mm (DH 450 AP e DH 500 AP**
- **with heads inclined at 45°**
- **DH 450 AP: lama Ø450 mm**
- **DH 500 AP: lama Ø500 mm**



Double-head front cutting machine
DH 500 AP - DH 550 AP

CONTROL FEATURES

- OCD 283 industrial control system with LCD display
- Alphanumeric membrane keyboard
- USB port can be used for uploading/downloading and software updates
- Storage of a profile archive with code, thickness and any counter-shape
- Cutting list management with sorting functions
- Step-by-step cutting (optional)
- Making custom cuts (optional)
- Execution of check cuts (optional)
- Provision for connection to a probe for profile height detection



The use of a brushless motor with a magnetic strip sensor guarantees speed and high precision in positioning the moving head



The mobile control unit is easily positioned thanks to the use of a circular guide



The front part is equipped with a large waste collection tank and the guides are protected by a bellows