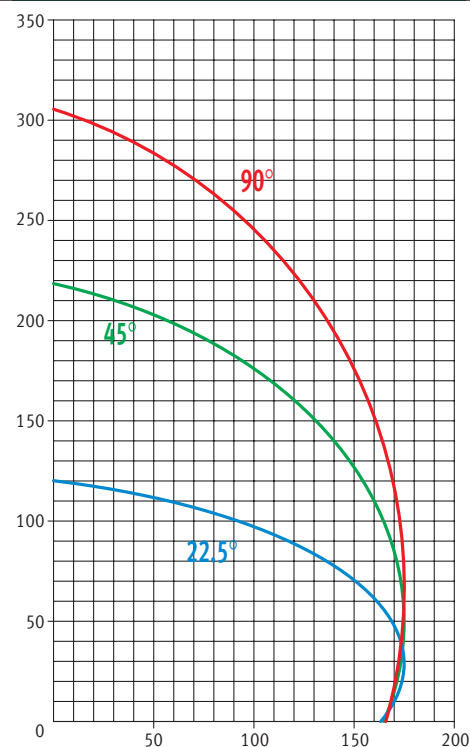
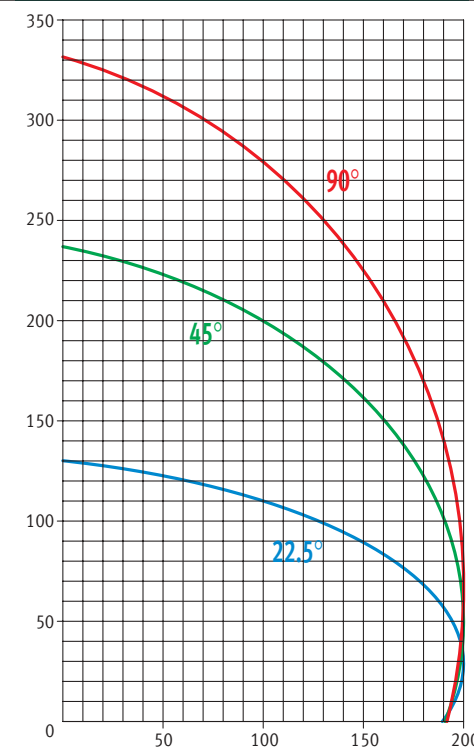




DH 500 A

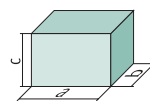


DH 550 A



Technical details

- No. 2 three-phase motors 2,2 Kw – 400V – 50Hz
- 2800 rpm
- Max cutting length: 6000 mm (DH 500 A – 6000 e DH 550 A – 6000)  
4000 mm (DH 500 A – 4000 e DH 550 A – 4000)
- Min cutting length: 320 mm (with tilted heads at 45°)
- Blade diameter: 500 mm (DH 500 A) – 550 mm (DH 550 A)
- Blade holder spindle diameter: 32 mm
- Operating pressure: 7 bar
- Head tilting at any angle between 90° and 22,5° thanks to brushless motors with sensors on magnetic strips and pneumatic locking device in cutting position
- Head tilting with check of min distance between heads
- Movable head positioning driven by brushless motor with sensor on magnetic strip and pneumatic locking device in cutting position
- Movable head positioning with check of min. distance between heads
- Hydro-pneumatic blade feed
- Blade speed adjustment
- Spray lubrication with variable flow
- Vice locking device with different pressure and power-assisted valves
- Overall dimensions: 9600 mm (a) x 1600 mm (b) x 1750 mm (c)  
(DH 500 A – 6000 and DH 550 A – 6000)  
7600 mm (a) x 1600 mm (b) x 1750 mm (c)  
(DH 500 A – 4000 e DH 550 A – 4000)
- Weight: 2050 Kg (DH 500 A – 6000 and DH 550 A – 6000)  
1700 Kg (DH 500 A – 4000 and DH 550 A – 4000)



Standard equipment

- Widia blades
- Pair of horizontal pneumatic vices
- Pair of vertical pneumatic vices
- Filter group reducer with N° 2 air guns
- Roller conveyor for profile support L=2000 mm
- Chute for chips collection
- Arrangement for connection to the vacuum cleaner
- Installation, operation and maintenance manual
- Service spanners

Accessories on request

- Chips conveyor
- Profile support by choice
- Feeler for measuring profile thickness
- PC touch screen with software to optimize cuts and bar code label printer
- Vacuum cleaner
- Additional special templates
- Cutting oil



The Company can make modifications and improvements without previous advise

MOD. DH500A UK00.05



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**DH 500 A - DH 550 A**  
**DOUBLE HEAD FRONTAL SAWING MACHINE**



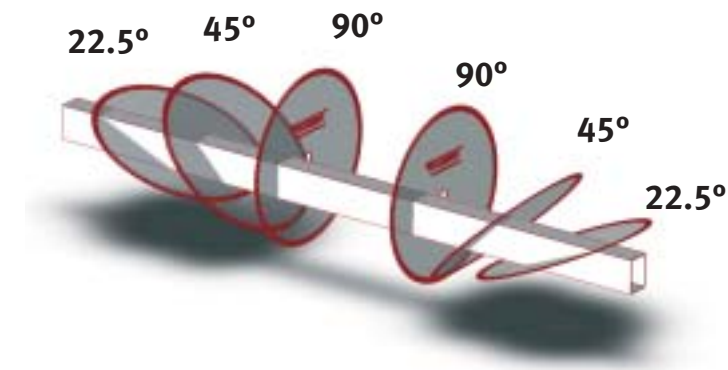
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- Double head sawing machine with frontal blade feed
- Head tilting at any angle between 90° and 22,5° , directly controlled by CN
- Movable head positioning, directly controlled by CN
- Brushless motors with sensors on magnetic strips for heads tilting check
- Brushless motors with sensor on magnetic strip for movable head positioning check
- Min cutting length: 320 mm (DH 500 A and DH 550 A with tilted heads at 45°)
- DH 500 A: blade Ø500 mm
- DH 550 A: blade Ø550 mm



**Available versions**

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



**CONTROL UNIT DETAILS**



- Industrial numeric control system OCD 282 with display LCD
- Alphanumeric membrane keyboard
- Floppy disk
- Arrangement for connection to remote PC and bar code label printer through RS232
- Cutting lists
- Step by step cuts
- Under min cutting length cuts
- Over max cutting length cuts
- Check of min distance between heads to avoid collisions during slanting cuts
- Profiles recording including reference, thickness and counter template
- Arrangement for connection to the feeler to measure profiles thickness



Brushless motors with sensors on magnetic strips ensure high positioning precision and excellent repeatability



Roller conveyor can be joint to a profile support by choice movable along the longitudinal axe



The particular structure allows both DH 500 A and DH 550 A to perform a min cut of 320 mm with both tilted heads at 45°