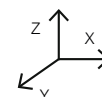
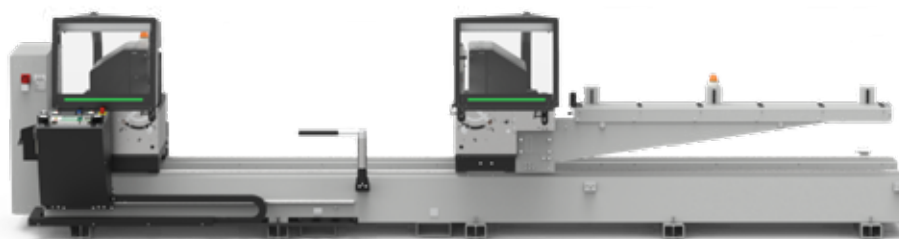


Alva 50



Double head sawing machine with Ø 500 mm tungsten carbide blades with controlled movement of the mobile head and pneumatic control of the head tilting



✓ = standard

○ = optional

Technical specifications

Tungsten carbide saw blades	Ø 500 mm
Head inclination	90°- 45°- 22,5° and intermediate angles set by means of stops positioned at the front and protected against chips
Head inclination angle display	○
Maximum cutting capacity (depending on the version)	4 - 5 - 6,6 m
Minimum cutting capacity (can be reduced with specific software)	305 mm
2 400 mm movable head roller conveyor	✓
Blade motors	2,2 kW
Integral cutting area safety guard	✓
Spray mist blade lubrication system	✓
Minimum quantity lubrication with pure oil	○
Horizontal pneumatic vices	3 ✓ for version A - 4 ✓ for version C
2 vertical pneumatic vices	✓
Retractable pneumatic intermediate profile support (max. 3)	1 ✓ + 2 ○
Electronic profile height measuring device	✓
Step-by-step cutting	○ for version A - ✓ for version C
Oversize cutting	○ for version A - ✓ for version C
Swarf conveyor belt	○
Label printer	○
Tex control unit	✓
10" touchscreen monitor	✓
Ethernet port for network connection to external devices	✓
USB port (1 USB flash drive included)	✓



The specifications and illustrations in this document are only guideline, **Fom** therefore reserves the right to make any modifications it deems necessary for technical or commercial reasons at any time and without prior notification.

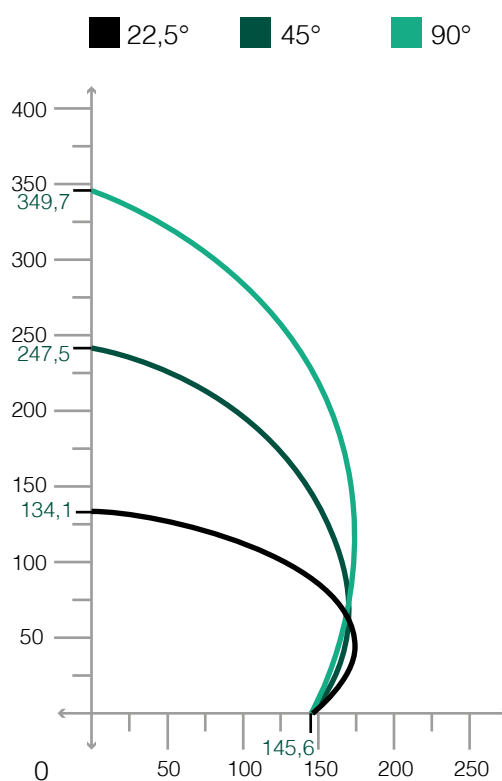
REV. 01

Alva 50



Double head sawing machine with Ø 500 mm tungsten carbide blades with controlled movement of the mobile head and pneumatic control of the head tilting

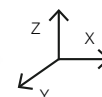
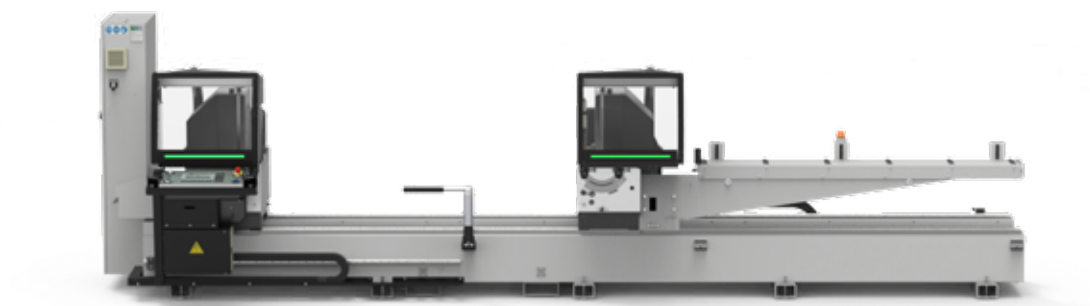
Cutting capacity with head inclination about the horizontal axis



Alva 55



Double head sawing machine with Ø 550 mm tungsten carbide blades with controlled movement of the mobile head and pneumatic control of the head tilting



✓ = standard

○ = optional

Technical specifications

Tungsten carbide saw blades	Ø 550 mm
Head inclination	90° - 45° - 22.5° and intermediate angles set by means of stops positioned at the front and protected against chips
Maximum cutting capacity (depending on the version)	4 - 5 - 6,6 m
Minimum cutting capacity (can be reduced with specific software)	370 mm
2 400 mm movable head roller conveyor	✓
Blade motors	2,2 kW
Integral cutting area safety guard	✓
Spray mist blade lubrication system	✓
Minimum quantity lubrication with pure oil	○
Horizontal vices with patented two-way pusher system	✓
2 vertical pneumatic vices	✓
Retractable pneumatic intermediate profile support (max. 3)	1 ✓ + 2 ○
Electronic profile height measuring device	○
Step-by-step cutting	○
Oversize cutting	○
Machine status LED indicators	✓
Centre machine chip conveyor	○
Swarf conveyor belt	○
Wireless optical reader for barcodes and QR codes	○
Label printer	○



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REV. 01

Alva 55



Double head sawing machine with Ø 550 mm tungsten carbide blades with controlled movement of the mobile head and pneumatic control of the head tilting

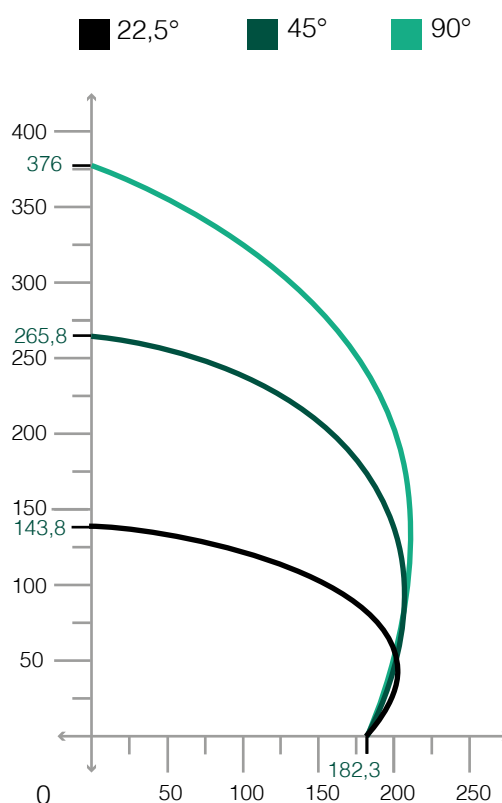
✓ = standard

○ = optional

Technical specifications

Tex control unit	✓
15" touchscreen monitor	✓
FSTCut4 (for version E only)	✓
Remote assistance service for the first 12 months	✓
Ethernet port for network connection to external devices	✓
USB port (1 USB flash drive included)	✓

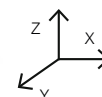
Cutting capacity with head inclination about the horizontal axis



Alva 55 Theta



Double head sawing machine with Ø 550 mm tungsten carbide blades with controlled movement of the mobile head and electronic control of the head tilting



✓ = standard

○ = optional

Tungsten carbide saw blades	Ø 550 mm
Head inclination	from 22.5° outwards to 90° with electronic control
Head inclination angle display	○
Maximum cutting capacity (depending on the version)	4 - 5 - 6,6 m
Minimum cutting capacity (can be reduced with specific software)	370 mm
2 400 mm movable head roller conveyor	✓
Blade motors	2,2 kW
Integral cutting area safety guard	✓
Minimum quantity lubrication with pure oil	✓
3 horizontal pneumatic vices with patented two-way pusher system	✓
2 vertical pneumatic vices	✓
Retractable pneumatic intermediate profile support (max 3)	1 ✓ + 2 ○
Electronic profile height measuring device	○
Step-by-step cutting	○
Oversize cutting	○
Machine status LED indicators	✓
Centre machine chip conveyor	○
Swarf conveyor belt	○
Wireless optical reader for barcodes and QR codes	○
Label printer	○



Alva 55 Theta



Double head sawing machine with Ø 550 mm tungsten carbide blades with controlled movement of the mobile head and electronic control of the head tilting

✓ = standard

○ = optional

Technical specifications

Tex control unit	✓
15" touchscreen monitor	✓
FSTCut4 (for version E only)	✓
Remote assistance service for the first 12 months	✓
Ethernet port for network connection to external devices	✓
USB port (1 USB flash drive included)	✓

Cutting capacity with head inclination about the horizontal axis

