

MACHINE MODEL

VELOX 350 AF-E

Automatic circular saw for aluminum

Short description

VELOX 350 AF-E is the electronic automatic disc sawing machine for cutting aluminum and light alloys. This machine is suitable for cutting tubes and full sections and has the possibility of cutting up to 45 ° left (in semi-automatic cycle), 45 ° right and up to 45 ° inclined to the vertical.

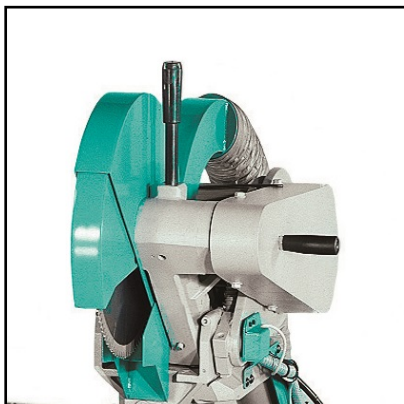


Scan the video



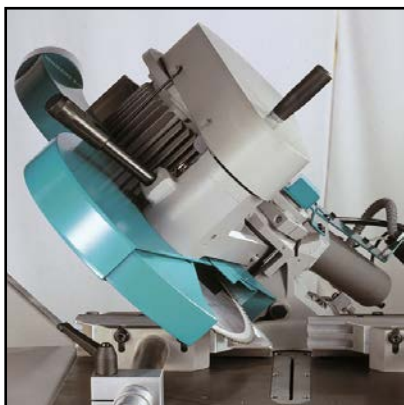
Cutting capacity at 0°	Round: 120mm - Square: 105mm - Rectangular:200x80mm
Cutting capacity at 45° left	Round: 115mm - Square: 100mm - Rectangular:150x80mm
Cutting capacity at 45° right	Round: 115mm - Square: 100mm - Rectangular:150x80mm
Cutting capacity at 45° inclined	Round: 65mm - Square: 60mm - Rectangular:180x50mm
Blade speed	3600rpm
Blade diameter	350mm
Blade motor	2.2KW
Feeder stroke	520mm
Mim. scrap end	355mm
Min. lenght in automatic cycle	15mm
Worktable height	930mm
Coolant tank capacity	40l
Weight	565kg
Dimensions	1800x1300x1800mm

Features



Head in cast iron

The cutting head of VELOX 350 AF-E is in cast iron, monobloc to avoid vibrations. The vertical pneumatic vertical piston allows a better locking of the piece to be cut.



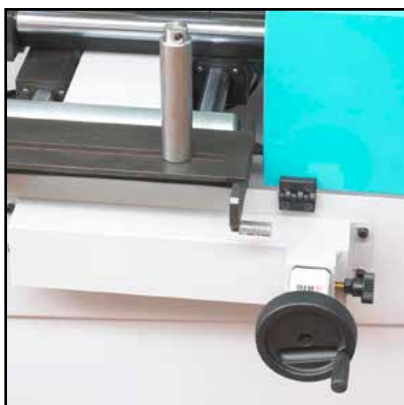
Vertical cutting

VELOX 350 AF-E can perform cuts up to 45 ° from the vertical.



Control panel

All functions of the saw are manageable through PLC, extremely easy to use and complete with self-diagnosis for error detection. The machine is equipped with electronic control for setting the start cutting, the cut and cutting lengths of the bar.



Manual positioning

VELOX 350 AF-E is equipped with a manual cutting length positioner with digital reading.

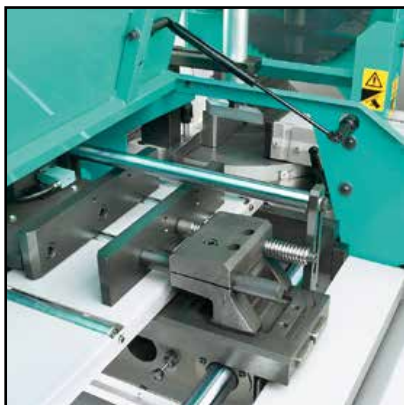


sawing technology

Addison Saws Ltd
01384 264950
sales@addisonsaws.co.uk
www.addisonsaws.co.uk

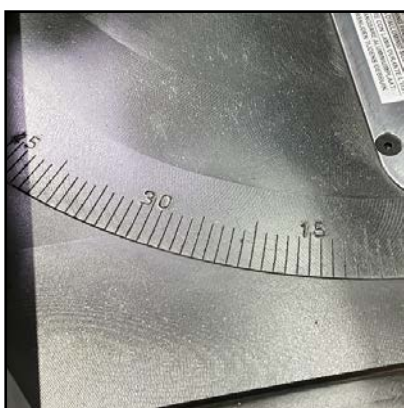
Addison

VELOX 350 AF-E



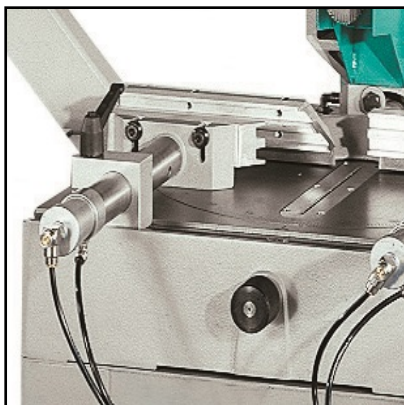
Feeder

The feeder of VELOX 350 AF-E has 200mm opening, max. single stroke is 520mm, min. single stroke is 4mm, scrap-end is 355mm. Through the control panel, up to 99999 pieces and up to 29 feeder strokes can be selected.



Automatic stops

VELOX 350 AF-E is equipped with automatic stops at 0 °, 15 °, 30 ° and 45 ° on the right and on the left, additional locking handwheel for any other angle.



Frontal vices

The saws of the VELOX series have two sliding pneumatic front vices transversely on the work surface.



V jaws (Optional)

OPTIONAL

Two pairs of cast iron V jaws to fittings bundles and round bars (max diameter 90 mm.) with tools to mount them



sawing technology

Addison Saws Ltd
01384 264950
sales@addisonsaws.co.uk
www.addisonsaws.co.uk

Addison

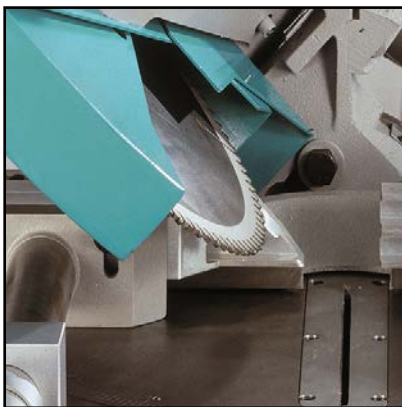
VELOX 350 AF-E



Scrap end reduction (Optional)

OPTIONAL

To reduce the scrap to 220mm (minimum - maximum section 170x80mm), for VELOX 350 AF-E are available jaws for scrap end reduction.



Blade (Optional)

OPTIONAL

VELOX 350 uses a HSS steel blade with hard metal teeth, diameter 350x3,2x32mm with 32mm hole.



Chips suction plant (Optional)

OPTIONAL

Chips suction plant complete of magnetothermic switch and flexible tube 1,5KW.



Connection for loading side (Optional)

OPTIONAL

Connection between machine and loading table, lenght 1m.



Loading/Unloading roller tables 1st unit (Optional)

OPTIONAL

1st unit of roller conveyor compatible for both the loading and unloading sides. Length 2m, loading capacity 140kg.



Loading/Unloading roller tables follow.unit (Optional)

OPTIONAL

Following unit of roller conveyor compatible for both the loading and unloading sides. Length:2m, loading capacity:120kg.



PVC V rollers (Optional)

OPTIONAL

Pairs of V rollers made in PVC for tubes, max 6 pairs per each element 2 m long, to be used on machines with V jaws, without rollers cover (only for RTS) (not available together with RI-W30) Pair of containment vertical rollers 300 mm made in steel, max 2 pairs for each element



PVC vertical rollers (Optional)

OPTIONAL

Pair of containment vertical rollers 300 mm made in PVC, max 2 pairs for each element 2 m long; to use without rollers cover (only for RTS) (not available together with RV-W30)