

MACHINE MODEL

SIRIO 370 AF-E

Heavy duty automatic vertical saw

Short description

SIRIO 370 AF-E is the professional automatic vertical miter saw with vertical control. The machine cuts at 0 ° to 45 ° right in the semi-automatic cycle and from 0 ° to 60 ° left in the automatic cycle. The blade with the vertical descent allows cutting high-strength steels (also stainless steel and light alloys if equipped with ESC)



Scan the video



Cutting capacity at 0°	Round: 120mm - Square: 100mm - Rectangular 180x100mm
Cutting capacity at 45° left	Round: 120mm - Square: 100mm - Rectangular 130x100mm
Cutting capacity at 45° right	Round: 105mm - Square: 100mm - Rectangular 130x100mm
Cutting capacity at 60° left	Round: 110mm - Square: 90mm - Rectangular 90x100mm
Cutting capacity at 0° (for solids)	40mm
Blade size	D: 370mm - hole: 40mm
Blade speed	15/30 rpm
Double blade speed	30/60 rpm
Blade speed with ESC inverter	15/70 rpm
Blade speed x2 with ESC inverter	30/140 rpm
Blade motor power	1.5/2.2 KW
Feeder length	520mm
Min. cut in automatic cycle	15mm
Min. diam. cutted in section	5mm
Scrap-end	170mm
Working table height	925mm



sawing technology

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SIRIO 370 AF-E

Dimensions	1900x1450x2100mm
Weight	710kg

Features



Rigid vertical structure

The SIRIO models have high structural stability to reduce vibrations and movements of the miter saw when cutting. The rigid vertical structure is in cast iron with a large surface of contact between the machine head and the structure to ensure even more solidity when in use



Electroni control

All the functions of the SIRIO 370 AF-E can be controlled from the control panel: length and setting number of cuts, positioning of the blade for rapid approach, start and end of cut operations, disc rotation speed, cycle time, number of cuts.



Cutting lenght settings

SIRIO 370 AF-E allows to set a cutting length through the manual positioner with digital reading and decimal nonius for maximum positioning precision.



Feeder

The feeding carriage of SIRIO 370 AF-E is mounted on a floating plate to allow the feeding of bars not perfectly straight. Operation by pneumatic cylinder. The vice of the feed carriage opens 200mm, single stroke maximum 520mm (minimum scrap 170mm).



Frontal vice

All SIRIO saws have the rapid traverse movement of the front vice as standard, pneumatic sliding transversely with rapid positioning and locking.



Blade cleaning

On all SIRIO models, we mount the blade cleaning brush as standard, it is made up of nylon for not damaging the cutting edge of the blade and to keep it clean at all times.



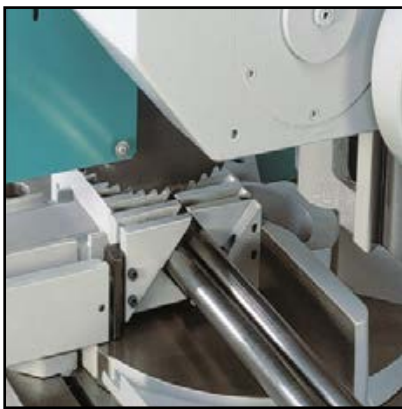
ESC variable speed (Optional)

OPTIONAL

Inverter speed variator to expand the range of materials compatible with SIRIO AF-E. It's possible also request the speed doubled both with and without the speed variator. The standard speed is 15/30 rpm; using the ESC variator the speed is 15/70 rpm. You can also apply the device for double speed: in this case the speed will be 30/60 rpm and 30/140 rpm with the variator.

**Minimal lubrication system (Optional)****OPTIONAL**

The lubrication system cancels the dispersion of the coolant without damaging or affecting the life of the blade. The system is equipped with a 1.3l tank and nozzle.

**V jaws (Optional)****OPTIONAL**

Two pairs of cast iron V jaws to fittings bundles and round bars (max diameter 85 mm.) with tools to mount them

**Blade (Optional)****OPTIONAL**

Sirio 370 can mount a blade 370x3x40 mm

**Connection for roller table (Optional)****OPTIONAL**

Connection for loading/unloading table



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 700kg.



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:600kg.



V rollers (Optional)

OPTIONAL

Pairs of V rollers made in steel 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



Vertical rollers(Optional)

OPTIONAL

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