IMET SPA
Località tre fontane, 6 - 24034
Cisano Bergamasco (BG) Italy
Tel +39 035 4387911 | Fax +39 035 787066
imet@imetsaws.com
www.imetsaws.com

MACHINE MODEL

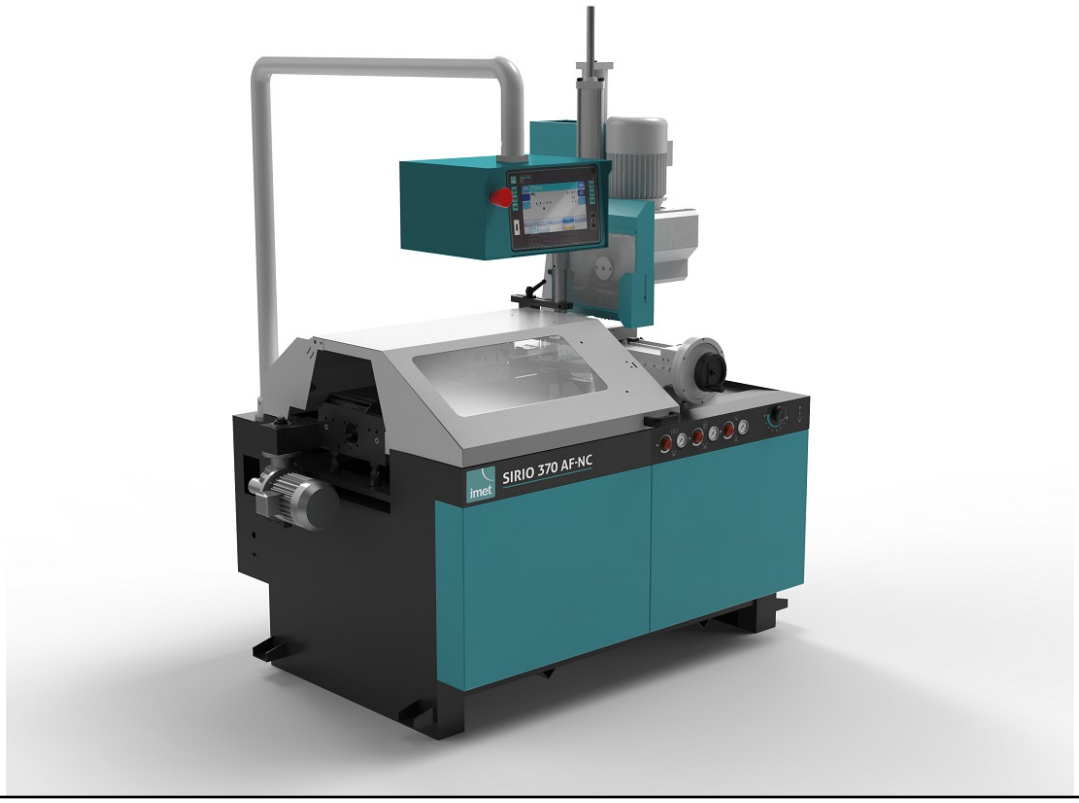
ÙIRIO 370 AF-NC

Heavy duty automatic vertical saw

Short description

SIRIO 370 AF-NC is is the professional automatic vertical miter saw with numerical control, suitable for cutting pipes, profiles and high-strength steels. The machine cuts in automatic cycle from 0° to 60° on the left with manual positining of the cutting head. SIRIO is the ideal solution for frame producers and small mechanical parts.

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 60° left	Round: 110mm - Square: 90mm - Rectangular: 90x100mm
Maximum capcity of solid bars (C45)	40mm
Blade diameter	370mm
Min. blade diameter	315mm
Cutting caèpacity at 0*-blade 315mm	85mm
Blade motor	3KW
Blade speed	17-70rpm
Coolant tank capacity	40l
Min. cut in automatic cycle	15mm
Min. diam. cutted in section	5mm
Min. scrap-end	170mm
Max single stroke	520mm (in option 1200 mm)

IMET SPA
Località tre fontane, 6 - 24034
Cisano Bergamasco (BG) Italy
Tel +39 035 4387911 | Fax +39 035 787066
imet@imetsaws.com
www.imetsaws.com

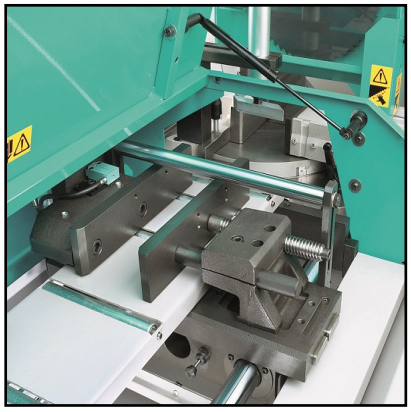
Features

Rigid vertical structure

The SIRIO models have high structural stability to reduce vibrations and movements of the miter saw ice ze di 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 .

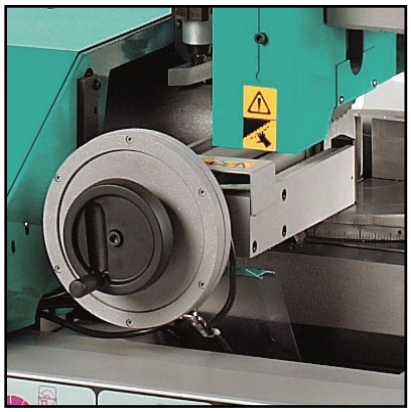
Control panel

SIRIO 370 AF-NC is equipped with a touch screen display to control and manage machine operations.acchina. User-friendly and intuitive, it allows you to select and manage each function of the machine: for example it is possible to select the language of use, the blade speed and the automatic advancement management of the material to be cut.



Automatic feeding of the material

SIRO 370 AF-NC is equipped with an integrated feed carriage (single stroke 520mm) for automatic advancement of the aterial. The carriage has an electronic motor with encoder for maximum precision of movement and positioning. The feed carriage vice has an opening of 200mm, a single minimum stroke of 4mm and min. scrap end of 170mm.



Pneumatic vice

Mounted on adjustable guides, sliding transversely on the work surface with positioning and quick locking.

IMET SPA
Località tre fontane, 6 - 24034
Cisano Bergamasco (BG) Italy
Tel +39 035 4387911 | Fax +39 035 787066
imet@imetsaws.com
www.imetsaws.com

Electronic speed control

Art. A-0011

SIRIO 370 AF-NC has a variable speed inverter as standard (from 15 to 70 rpm). To increase it it's possible to order the version from 30 to 140rpm.

F1200 feeder OPTIONAL

Art. A-0017

F1200 feeder - single stroke 1200 mm (recommended with SLB)

SLB6000 Barloader OPTIONAL

Art. 000935

Barloader for SIRIO 370 AF-NC: suitable for tubes (20mm-90mm), square (80x80mm), for solids (max 40mm).The structure in metal profiles, the front protection in tubular and perforated sheet guarantee maximum protection for the operator. Fully automatic, the management system allows you to to optimize your job. Length 6m.

SLB3000 Barloader OPTIONAL

Art. 000935-03

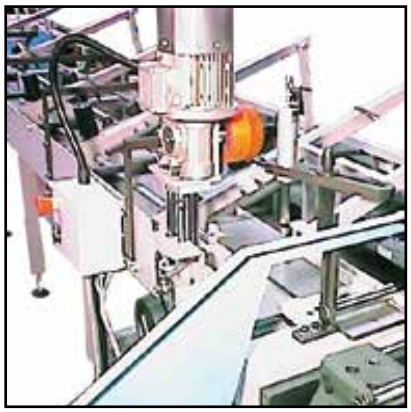
Barloader for SIRIO 370 AF-NC: suitable for tubes (20mm-90mm), square (80x80mm), for solids (max 40mm).The structure in metal profiles, the front protection in tubular and perforated sheet guarantee maximum protection for the operator. Fully automatic, the management system allows you to to optimize your job. Length 3m.

IMET SPA
Località tre fontane, 6 - 24034
Cisano Bergamasco (BG) Italy
Tel +39 035 4387911 | Fax +39 035 787066
imet@imetsaws.com
www.imetsaws.com

Bundle barloader OPTIONAL

Art. A-0016

The bundle loader allows you to load a bundle from 48mm to 90mm max. by chain transmission Managed by CNC numerical control, it is compatible with CNC automatic disc machines and allows to load up to 3 tons of bars with a length of 6m.



Supplementary guides for small diameters OPTIONAL

Art. 000935-01

Device to load small bars (from 10 mm up to 20 mm) - for SLB bar loader

Industry 4.0 - SAWFACTORY OPTIONAL

Art. 918644-02

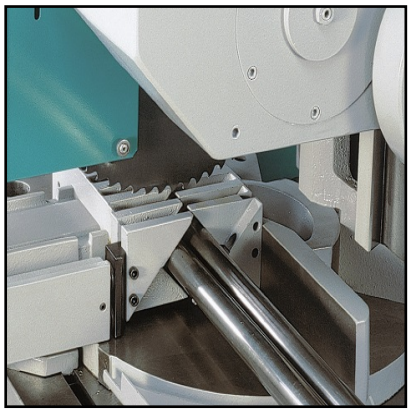
All IMET automatic sawing machines can be connected to the company network via modem and ethernet cable: SAWFACTORY software is also available for remote monitoring, assistance, programming and management from remote of the cutting process. The software allows to transfer data and programs from the PC (where it is created the programm) to the machine via USB. Discover SAWFACTORY: https://bit.ly/2RuxHuX

Minimal lubrication system OPTIONAL

Art. 000947-02

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.

IMET SPA
Località tre fontane, 6 - 24034
Cisano Bergamasco (BG) Italy
Tel +39 035 4387911 | Fax +39 035 787066
imet@imetsaws.com
www.imetsaws.com



V jaws — OPTIONAL

Art. 506515

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

Blade — OPTIONAL

Art. 384937

Sirio 370 can mount a blade 370x3x40 mm

Connection element for loading table — OPTIONAL

Art. RASAFC

Connection element for loading table length 1 m, with 4 rollers, 1 leg and a slide to collect the coolant

Connection element for unloading table — OPTIONAL

Art. RASIRU

Connection element for unloading table

IMET SPA
Località tre fontane, 6 - 24034
Cisano Bergamasco (BG) Italy
Tel +39 035 4387911 | Fax +39 035 787066
imet@imetsaws.com
www.imetsaws.com

Loading/unloading table - 1st element OPTIONAL

Art. RTSPRW30

Loading/unloading table, 1st element, length 2 m, maximum capacity 700 kg

Loading/unloading table - following element OPTIONAL

Art. RTSSEW30

Loading/unloading table, following element, length 2 m, maximum capacity 600 kg

Vertical rollers OPTIONAL

Art. RI-W30

Pair of steel vertical containment rollers, to be used without roller cover table (max. 2 pairs per 2 m section) (not usable with RV-W30, only with RTS)

V rollers OPTIONAL

Art. RV-W30

Pair of steel V-rollers for bundles and round bars, to be used with machines not equipped with V-jaws and without roller cover table (max. 2 pairs per 2 m section) (not usable with RI-W30, only with RTS)