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MACHINE MODEL

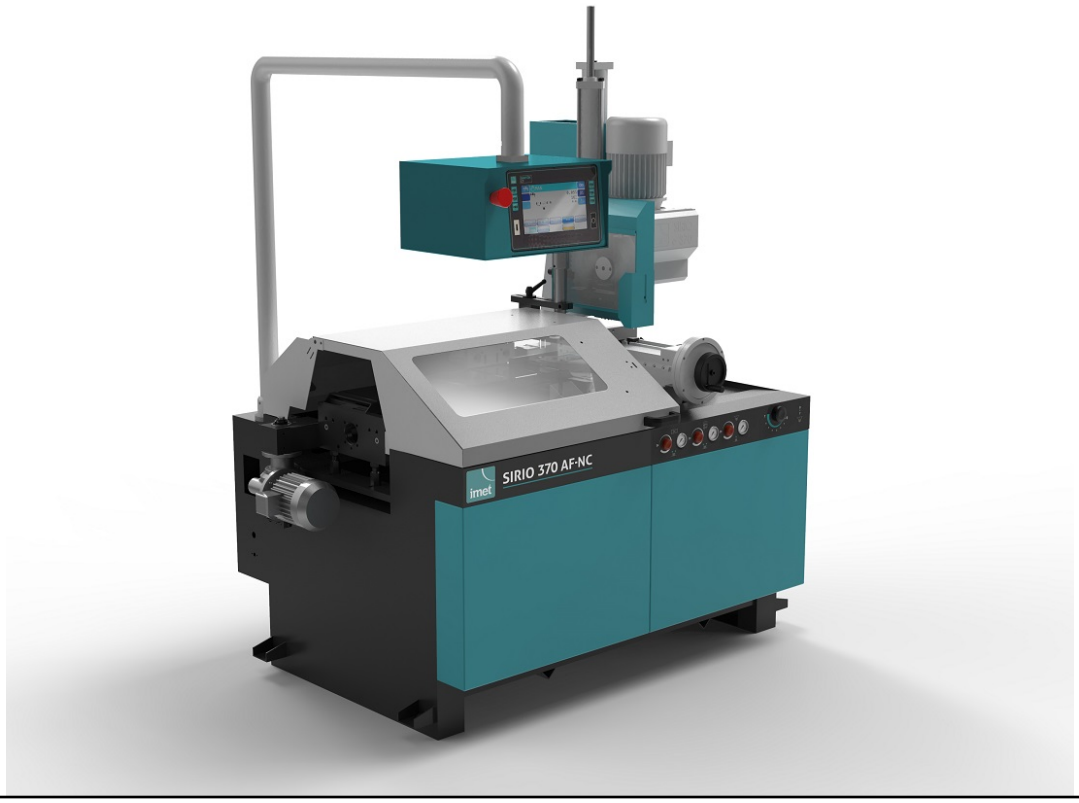
SIRIO 370 AF-NC

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 semiautomatic cycle machine cuts from 0 ° to 45 ° right while in automatic cycle cuts from 0 ° to 60 ° to the left.

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
Cutting capacity at 45° right	Round: 105mm - Square: 100mm - Rectangular: 130x100mm
Cutting capacity for solids	40mm
Blade diameter	370mm
Min. blade diameter	315mm
Cutting caèpacity at 0*-blade 315mm	85mm
Blade motor	3KW
Blade speed	da 17 a 70 mt/min
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)

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Features



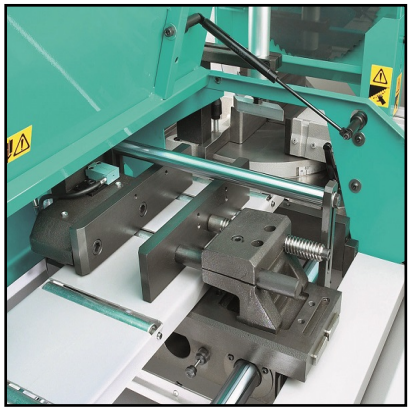
Rigid vertical structure

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 .



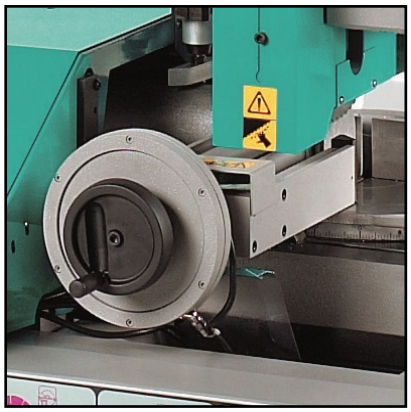
Control panel

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.

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Electronic speed control
ESC

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.



Longer feeder (Optional) OPTIONAL

Longer feeder of 1200mm for SIRIO 370 AF-NC for automatic production.



SLB6000 Barloader (Optional) OPTIONAL

Barloader for SIRIO 370 AF-NC: suitable for tubes (20mm-90mm), square (80x80mm), for solids (max 50mm).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) OPTIONAL

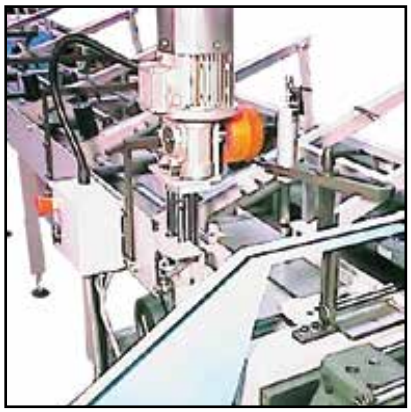
Barloader for SIRIO 370 AF-NC: suitable for tubes (20mm-90mm), square (80x80mm), for solids (max 50mm).The structure in metal profiles, the front protection in tubular and perforated sheet guarantee maximum protection for the operator. Fully automatic, the management system allows you to to optimize your job. Length 3m.

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Bundle barloader (Optional) OPTIONAL

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 diam. (Optional) OPTIONAL

Supplementary guides for small diameters (less than 20 mm and till 10 mm) suitable with SLB 3000-6000 barloader.



Industry 4.0 - SAWFACTORY (Optional) OPTIONAL

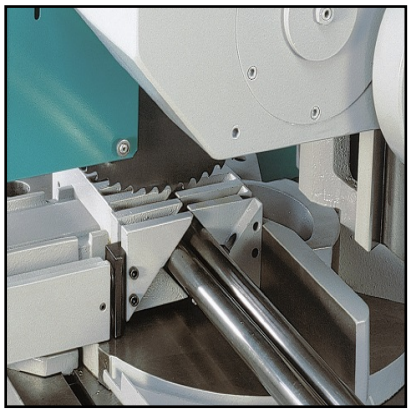
All IMET automatic sawing machines can be connected to the company network via modem and ethernet cable: SAWFACTORY software is also available for remote monitoring, assistance, programming and management from remote of the cutting process. The software allows to transfer data and programs from the PC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



Minimal lubrication system (Optional) 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.

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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



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. This element have only one leg instead the first element "PR" have two legs

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Connector-SIRIO 370 AF-NC (Optional) OPTIONAL

Connecting element between roller table and SIRIO 370 AF-NC sawing machine for the loading side. The element is complete with coolant collection slide, 4 rollers and pedestal. Length 1m.



Connection for roller table (Optional) OPTIONAL

Connection for loading/unloading table



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)



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 wit 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