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MACHINE MODEL

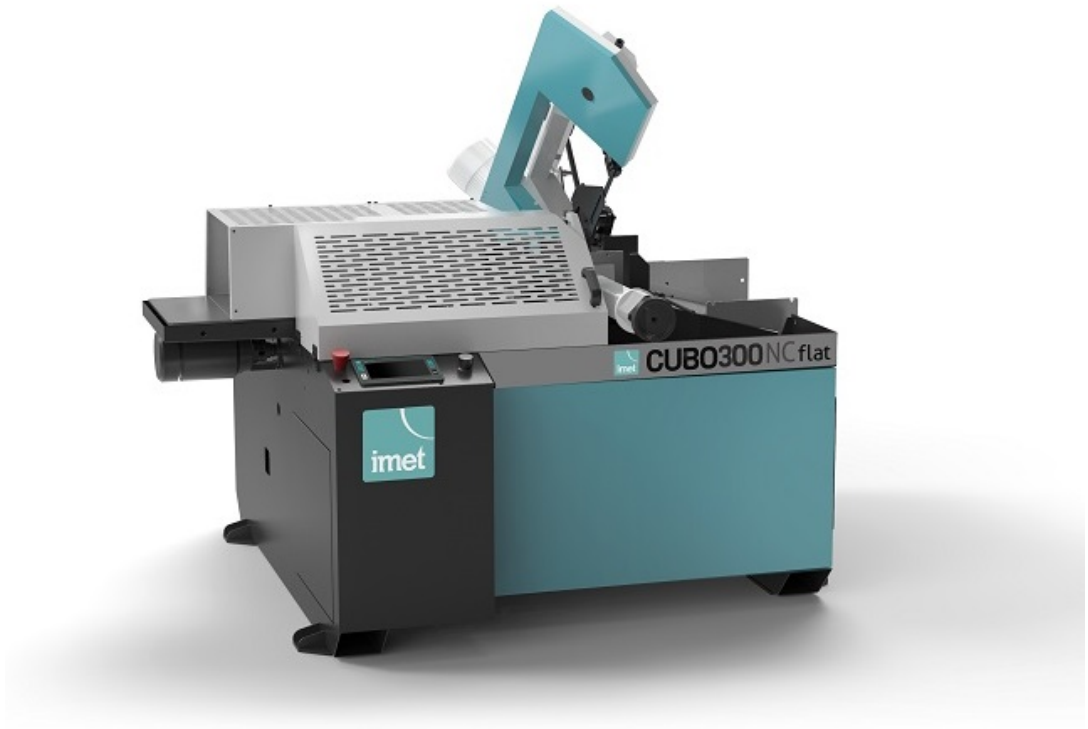
CUBO 300 NC FLAT

Numerical control automatic sawing machine

Short description

CUBO 300 NC FLAT is the new IMET automatic sawing machine, part of the innovative CUBO Series. Numerical control machine with touch screen display, it is a professional work tool with great ease of use, ideal fori utilizzo, ideal for the production of medium-sized pipes and bars, bow rotation is manual while its has automatic integrated material feeder.

Scan the video



Cutting cycle (material feeding)	0°-45° automatic / 45°-60° semiautomatic
Sawframe rotation	Manual
Cutting capacity at 0°	Round: 255mm - Square : 230mm - Rectangular: 300x180mm
Cutting capacity at 45°	Round: 210mm - Sqaure : 190mm - Rettangular: 200x160mm
Cutting capacity at 60°	Round: 135mm - Sqaure : 110mm - Rettangular: 130x100mm
Cutting capacity with solids (C45)	180mm
Minimal scrpa-end	230mm (automatic cycle)
Blade tension	1700kgf/cm2
Blade motor	1.5kW
Blade dimensions	2765x27x0.9mm
Blade spees	18-100 m/min
Feeder	Single stroke 515mm - motor power 0.75kw
Minimum cutting diameters	10mm
Minimum cutting length	10mm
Hydraulic power unit tank capacity	20l
Dimensions - Weight - working height	2030x1830x1830mm - 1000kg - 870mm

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Features



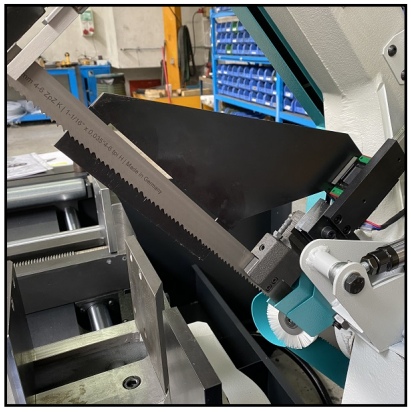
CUBO Series

CUBO Series is the IMET line of automatic sawing machines developed to optimize the user-experience thanks to the introduction of various stylistic and functional innovations. The ease of use and operator safety during the cutting process makes it the ideal professional tool in any environment .



Touch screen display

The touch screen display allows to set and manage all the machine settings like the total amount of pieces, the cutting lengths and error rilevation during the cutting process.



Automatic detection device

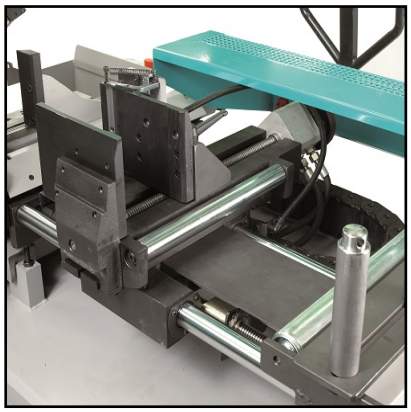
CUBO 300 NC-FLAT is equipped with an automatic detection device of the cutting material to optimize the bhe cutting process: the device facilitates the approach to the material during the descent of the bow , elso adjusting the end of the cut and the ascent of the blade.



Numerical control

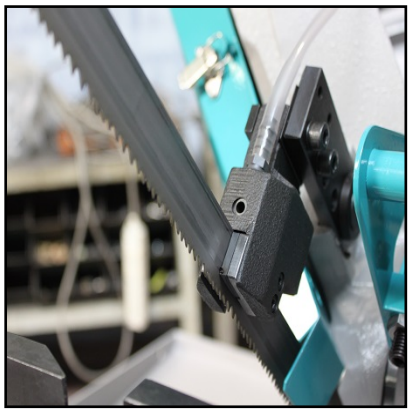
It allows to store up to 99 cutting programs by automatically calculating the total thickness of the blade of the pieces to be cut, settings of the cutting lengths and running of the automatic cutting cycle..

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Feeder carriage

The feeder carriage has a maximum stroke of 515mm. The sliding takes place on chromed bars with high precision of the posidtioning due to the incremental feeding on recirculating ball screw by self-braking electric motor with inverter .



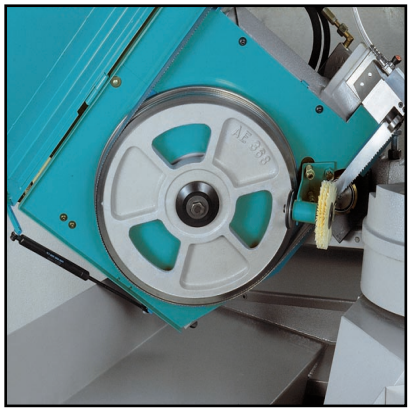
Blade OPTIONAL

Bi-metal blade s(dimensions: 2765x27x0,9mm - Optional) easily replaceable. The balde of the CUBO 300 NC FLAT is equipped with a 1.5KW motor, 1700kgf/cm2 voltage to ensure maximum precision and drastic reduction of cutting times.



Blade guides

The blade guides have hard metal pads and additional front bearings for a better alignment of the blade during the cutting .



Cleaning of the blade

CUBO 300 NC FLAT mounts a motorized nylon blade cleaning brush to ensure maximum efficiency during the cutting process. .

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Speed variation

The machine is equipped with a series of inverters for speed variation (18-100 m / min).



Industry 4.0 Ready OPTIONAL

Art. 918644-02

All the automatic sawing machines of the CUBO series can be connected to the company network via modem:it is also available the dedicated software Saw Factory for teleservice, assistance, programming and management from remote of the cutting process. Discover SAWFACTORY: https://bit.ly/2RuxHuX



Minimal lubrication system OPTIONAL

Art. 000947-06

It is possible to request for any type of machine the minimum lubrication that eliminates the dispersion of Typical coolant in the use of emulsifiable oil, the life of the blade does not come in any way affected With nozzle and tank 1,3 lt.

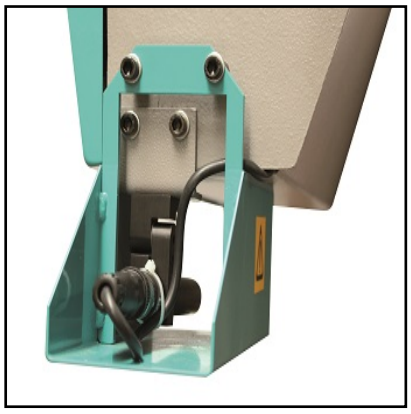


Motorized screw chip conveyor OPTIONAL

Art. A-0055

It's available for all the CUBO SERIES bandsaw an optional motorized screw chip conveyor placed laterally (on the unload side) of the machine. The chip conveyor allows to optimize the machine efficiency by removing chips while cutting.

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Laser ray — OPTIONAL

Art. A-0003

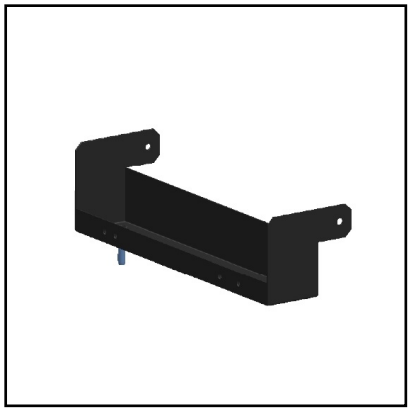
The laser ray can't be added to a machine that already has bundle cutting device.



Pressure reducers — OPTIONAL

Art. 000964

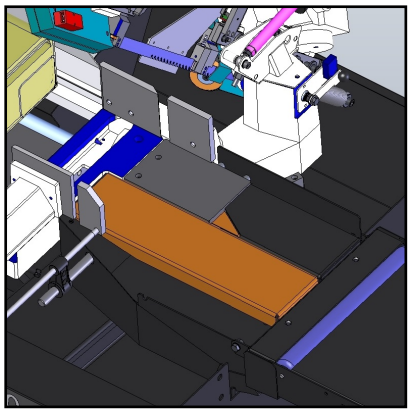
Pair of pressure reducers for hydraulic vices .



Connection element for roller table — OPTIONAL

Art. RABCUC

Connection element for loading to connect machine to the roller table RTS.



Connection element for unloading table — OPTIONAL

Art. RAB50S

The connecting element for roller tables for the discharge side allows both the passage of long pieces and the unloading of short pieces without them getting stuck in the exit chute.

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Loading/unloading table - 1st element OPTIONAL

Art. RTSPRW50

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



Loading / unloading roller table - following element OPTIONAL

Art. RTSSEW50

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



Pair of containment roller OPTIONAL

Art. RI-W50

Pair of vertical steel containment rollers (max. 2 pairs per 2 m section, for use without roller-cover table) (only for RTS)