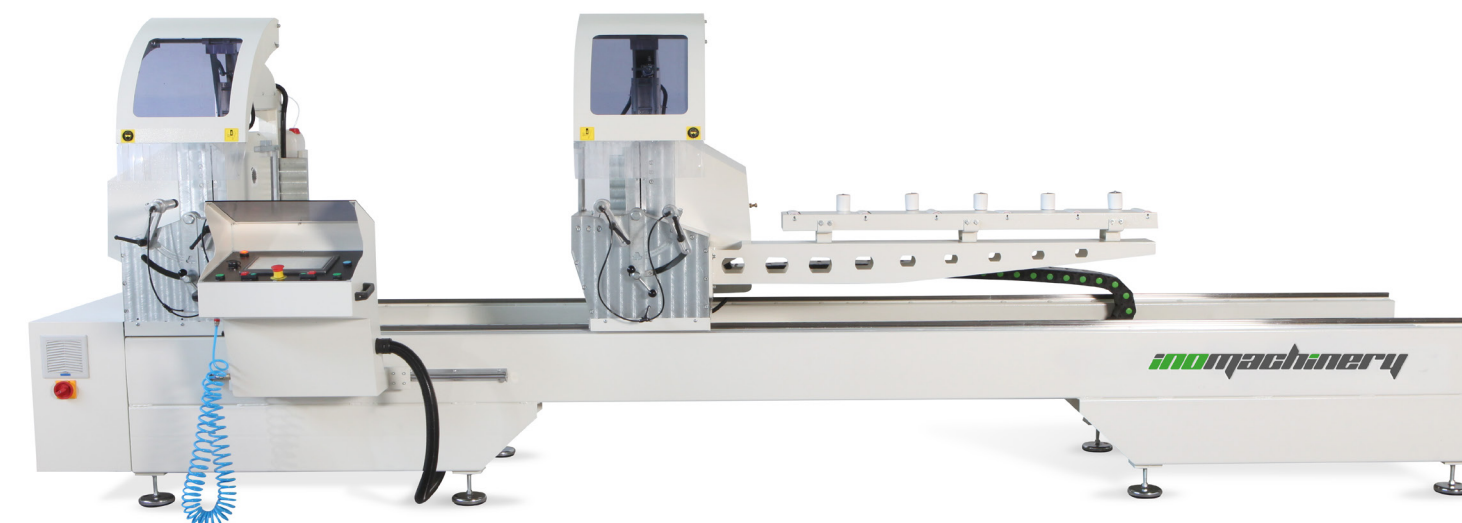
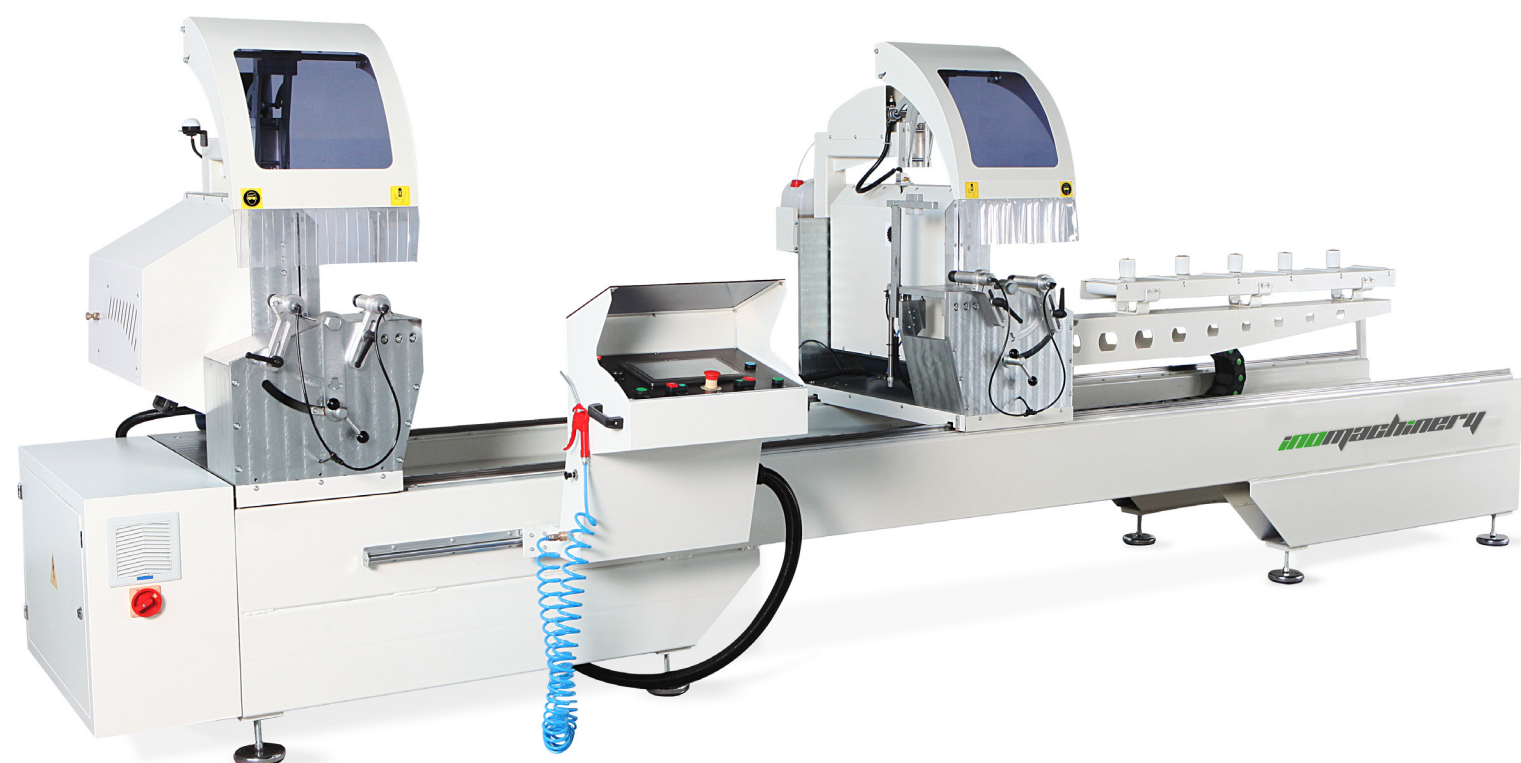


AS 420



DOUBLE MITRE SAW



MACHINE DESCRIPTION

Automatic double mitre saw for cutting aluminum and PVC profiles. Electrowelded and machined rigid steel construction.

Saw blade diameter 500 mm / 2.2 kW 2,800 rpm motors.

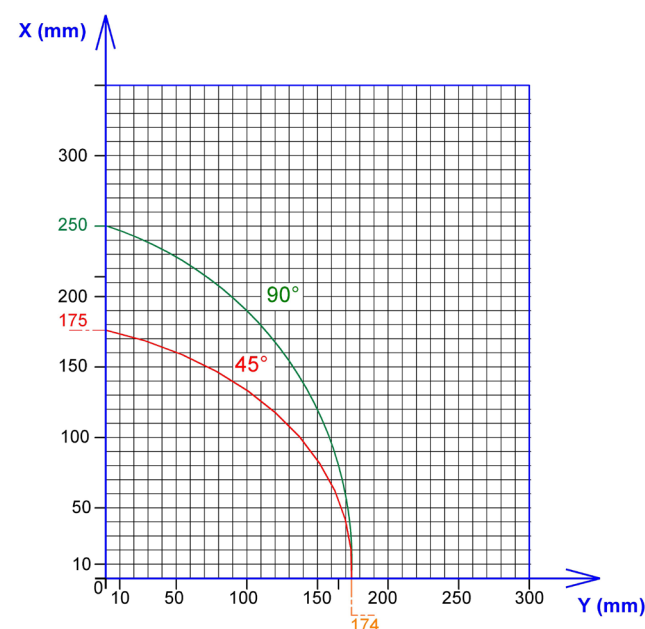
Net cutting length of 4,000 mm that can be extended to 7,500 mm with software support. 10.0" TFT-LCD touch panel and PLC controller. Movable head moves on a rack and pinion with a brushless servo motor and reducer through linear guides.

The saw-feed mechanism is frontal moving with a receding blade. Cutting heads tilt from 45° inside to 90° pneumatically via a cylinder; intermediate angles are adjusted manually.

Maximum cutting width : 174 mm.
 Maximum cutting height : 250 mm.
 Minimum cut from 45° to 90° tilted inside : 450 mm.
 Minimum cut at 45° with short piece support : 250 mm.

Total installed power : 9 kW / 20A / 400 V / 50-60 Hz / 3-phase.
 Air pressure and air consumption : 6-8 bar / 70 l/min.

Protection covers move up and down automatically.
 Two horizontal clamping pistons for each head.
 Roller conveyor connected to the movable head.
 Colored cables inside the electrical cabinet.
 CE certificate / User manual – English language.



OPTIONAL EQUIPMENT

Hydro-pneumatic feeding of the cutting saws and pulse spray mist coolant system for aluminum.

Data transfer package for integration with window production software. Features include data importing, label printing, and transferring data to the CNC profile machining center via barcode.

Label printer.

PC user interface with 15.6" TFT-LCD screen and Intel i3 PC with 8GB RAM and 500GB HDD.

Vertical clamps; one piston for each head.

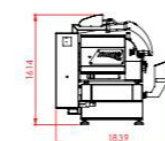
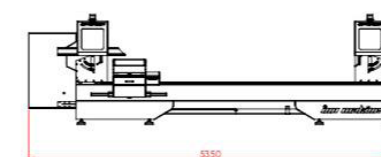
Pneumatic short-piece support for cutting short profiles into smaller sizes, controlled by the PLC.

Extended cut for processing profiles longer than the machine's net length.

Step-by-step cut for corner cleats.

Manual central supports.

Dust extractor 3.0 kW with steel and plastic pipes.



1.800 kgs.

