

AS 499



2-AXIS CNC PROFILE CUTTING MACHINE



STANDARD EQUIPMENT

The saw blade maximum moving distance.

The park position of the saw blade.

The rotation speed of the motor between 0 to 4,000 rpm.

The feed rate of the saw feed.

It is possible to connect different sizes of saw blades, both in diameter and thickness, and run them with different rpm and different feed rates to achieve the best cut quality on the cut surface and the best productivity.

For example:

400 mm saw blade – 3,500 rpm

500 mm saw blade – 2,800 rpm

600 mm saw blade – 2,200 rpm

700 mm saw blade – 1,500 rpm

Thanks to the automatic table separation system, the cut piece is separated after the cutting finishes before the saw blade retracts, ensuring a superior cut surface is maintained.

Maximum loading weight of the profile: 250 kg.

Maximum width of the profile to be cut: 500 mm.

Maximum height of the profile to be cut: 241 mm.

10.0" TFT-LCD touchscreen.

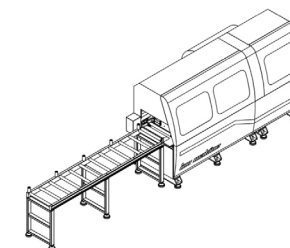
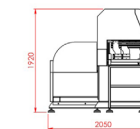
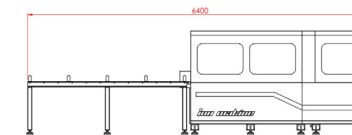
Saw blade diameter 550 mm / 700 mm.

Accuracy: 0.05 mm.

The remnant piece at the end is 60 mm.

Cutting list capacity up to 99,999 profiles.

8 pieces of horizontal and vertical clamping pistons for a perfect grip of the profile.



3.500 kgs.

MACHINE DESCRIPTION

CNC cutting machine with one axis on the profile feed and one axis on the saw blade feed.

Automatic cutting of industrial heavy profiles at 90 degrees between 1 mm – 1,250 mm in one stroke, which can be extended infinite times through software support. Optionally, the feeding distance can be extended to 3,000 mm.

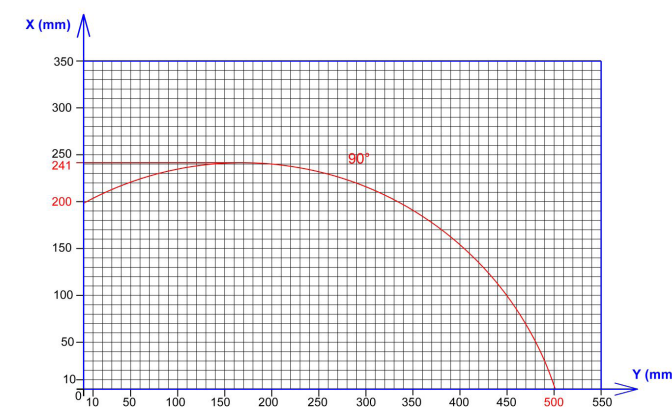
Electrowelded and machined rigid steel construction of 3 tons.

The machine feeds the profile with a brushless servo motor on a ball screw system adjusted by the operator via the CNC controller.

The saw blade moves radially on a ball screw and brushless servo motors.

Saw blade power: 11 kW on a belt-driven reducer; the rpm can be adjusted via a servo inverter.

From the control panel, it is possible to adjust all parameters for each profile as follows:



AS-499 (Ø 700)

