

DV 450

Automatic Double Head
Reinforcement Steel
Screwing Machine

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Automatic Double Head Reinforcement Steel Screwing Machine

Intel Makina's Automatic screwing of the steel reinforcement bars in the PVC profiles. Profile loading conveyor with 4 profile loading capacity automatically conveys the profiles to the screwing center. Servo-controlled double-head screwing units automatically screw the reinforcement steel to the PVC profile according to the program made on the control panel.

The two-head screwing unit can also be operated as a single head if desired. The machine automatically measures the profile length and performs the screwing operation at the desired pitch. There is also an automatic profile unloading and storage system at the machine.

TECHNICAL DETAILS

Min. Profile Length	350 mm	Machine Height	1900 mm
Max. Profile Length	4600 mm	Machine Weight	1500 kg
Min. Profile Height	30 mm	Total kW	5 kW
Max. Profile Height	180 mm	Air Consumption	200 lt/min
Min. Profile Width	40 mm	Air Pressure	6-8 bar
Max. Profile Width	140 mm	Drillers Speed	3000 rpm
Machine Length	5700 mm	Voltage	380-400 V
Machine Width	4000 mm		

*Photos are for example purposes only

GENERAL FEATURES

Automatic conveying of PVC profiles to the screwing section

Machine measure the length of the profile automatically and determine the number of the screw

Automatic centering of PVC profiles at the screwing section

2 pcs. of servo controlled screwing heads perform the screwing operation as per the program that is made by the operator

Output conveyor and profile storage, which automatically discharges profiles when screwing is completed

Separately positioned and easily reachable PLC controlled screw feeding units ensure non-stop screwing operations

Automatic stop when screwing operation is completed

Long-lasting working with chin rest system

Seamless screwing by the screw feeders positioned independently of screwing heads

Screwing speed: 2.5-3 sec./pc approx. for single head

Automatic conveying of PVC profiles to the screwing area

Automatic profile length detection and calculation of required quantity of screws

Automatic centering of PVC profiles at the screwing section

2 servo controlled screwing heads to perform screwing operations as per the program

Outfeed magazine which automatically discharges profiles when screwing is completed

Separately positioned and easily accessible PLC controlled screw feeding units to ensure non-stop screwing operations

Automatic stop when screwing operation is completed

Screwing speed: 2.5-3 sec./pc approx. for single head

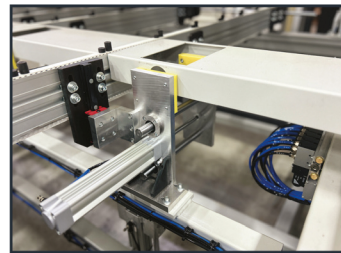
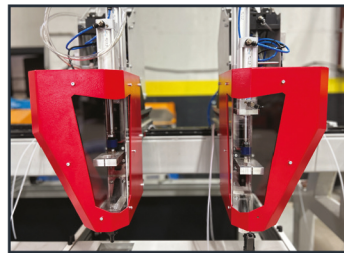
Technical support and trouble shooting via remote connection

All error messages and system status information are displayed on the screen

Axis motion system is consisting of linear bearings and rack-pinion drive that provides accuracy and durability

Ergonomic design and robust construction

Max. recommended steel thickness: 2.0 mm



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