

Corner cleaning machine EPA 479 and turntable WT 427

Application

Fully automatic cleaning of visible surfaces, outer corners, seal grooves, inner corners on uPVC window frames and sashes. The profile support side can be selected.

Profile range

All known profiles rebate seal systems, middle seal systems, reverse butt weld systems, sliding window systems and "monobloc" systems (sill frames)

Characteristic features

Flexible

- variable tooling with up to eight tool places per carriage
- pneumatic clamping system
- manual and/or turntable operation
- interconnection of multiple head welding machines
- memory for up to 300 NC programs
- program editing by DIN (German Industrial Standard) programming language, teach-in-modus as well as copy programming
- outer corner contour milling device with contour milling disk and one set of milling cutters for standard profiles
- automatic profile recognition or data transfer from the welding machine
- profile height recognition with analog measuring system
- special support for e.g. frame combinations of varying width
- integration of a drilling unit for symmetric drilling for tilt and turn gear

Efficient

- high processing quality due to spring-mounted knifing units compensating profile tolerances in the inner corner area

Reliable and of low-maintenance

- low-maintenance precision guiding devices with central lubrication system and recirculating ball spindles

User-friendly

- Visual display control based on a Pentium PC with CD ROM and disk drive
- adjustment of correction parameters by means of CAD profile drawings

Profitabel

- low cycle times of approx. 1 min. 30 sec. for each sash profile in turntable operation
- short amortization period



Example of a tool configuration

Technical data

Power total (kW): 5,2

Current (V): 400

Air pressure (bar): 7

Weight (kg): 900 - 1.500

Workable profile width (mm): 50 - 140

Workable profile height (mm): 50 - 180

Machine dimensions L x D x H (mm):

2.500 x 2.950 x 2.100 (without WT)

5.700 x 4.200 x 2.100 (with WT)

6.700 x 4.700 x 2.100 (with WT)

Workable material:

welded uPVC profile lineals
for window and door frames

All details are subject to alteration without notice to incorporate improvements • 08/2000

Corner cleaning machine EPA 479

CNC corner cleaning machine with 4 interpolating axes
for a complete finishing of corners of uPVC window frames



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