Corner cleaning machine EPA 472 and turntable WT 426

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 twelve tool places
• pneumatic clamping system
• manual and/or turntable operation
• interconnection of multiple head welding machines
• interpolating 2-axes-CNC control with integrated SPS
• memory for up to 300 NC programs
• program editing by DIN (German Industrial Standard) programming language, teach-in-modus as well as copy programming
• automatic profile recognition or data transfer from the welding machine

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
• clear control panel or visual display control based on a Pentium PC with CD ROM and disk drive
• adjustment of correction parameters by means of CAD profile drawings

Profitable
• low cycle times for corners of approx. 20 sec.
• low cycle times for frames of approx. 2 min. in turntable operation
• short amortization period

Technical data
Power total (kW): 3,8
Current (V): 400
Air pressure (bar): 7
Weight (kg): 750 - 1.350
Workable profile width (mm): 50 - 130
Workable profile height (mm):
  50 - 115 standard
  50 - 150 optional
Machine dimensions L x D x H (mm):
  2.400 x 1.800 x 1.900 (without WT)
  5.700 x 4.100 x 1.900 (with WT)
  6.700 x 4.600 x 1.900 (with WT)
Workable material:
welded uPVC profile lineals for window and door frames
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- Integrated turning arm for safe handling also of big frame elements
- Automatic profile drawing in (machine operated with turntable)
- Visual display control for program editing
- Turntable with automatic conveying and removing of the profiles