**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 knife 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

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

**Corner cleaning machine EPA 479**

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

**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):**
  - Without WT: 2,500 x 2,950 x 2,100
  - With WT: 5,700 x 4,200 x 2,100
  - With WT: 6,700 x 4,700 x 2,100
- **Workable material:** welded UPVC profile lineals for window and door frames
Corner cleaning machine EPA 479 and turntable WT 427

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