

# CYKLON

## Reinforcement screwing unit



CYKLON - Reinforcement screwing unit

- full automatic reinforcement screwing unit in PVC profiles with 2 controlled axis
- Two basic unit configurations
  - a) connected with a machining center as fixed part of the out-load table
  - b) connected with cutting-of saw for simultaneous screwing of steel reinforcement
- There are two alternative modes for these two configurations
  - a) screwing according to data record. Identification by means of wireless bare code reader
  - b) screwing according to own software. Alternative distance between screws and automatic recognition of groove for lock case
- Optional it is possible to equip the unit with 3th controlled axe for drilling of dowel holes



- Pneumatic length stop for profile insertion adjustable in accordance with screwing instruction about position of the first screw



PC controle

- receiving of complete data record( no collision with transom, lock case )
- optional profile identification by means of bar code reader
- PC switch to own screwing software

- Two CNC axes controlled by PC  
X - feed speed adaptable by means of software to the input conditions inclusive of feed dynamics  
Y-automatic adjustment of the screw driver in different types of profiles



Unit configuration with equipment in conjunction with a machining center

**Machines for machining of ALU, Fe and PVC profiles**

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