

The CNC controlled four head cleaning machine SV 800/4 ensures exact and, above all, efficient machining of PVC window frames. This is possible through the four machining stations so that manual turning of the frames can be avoided. Moreover, the useful arrangement of the machining tools as well as the software controlled parallel operation allows for extremely short throughput times. Furthermore, the 18 AC servo axes installed as standard with electronic positioning stand for flexibility and efficiency.

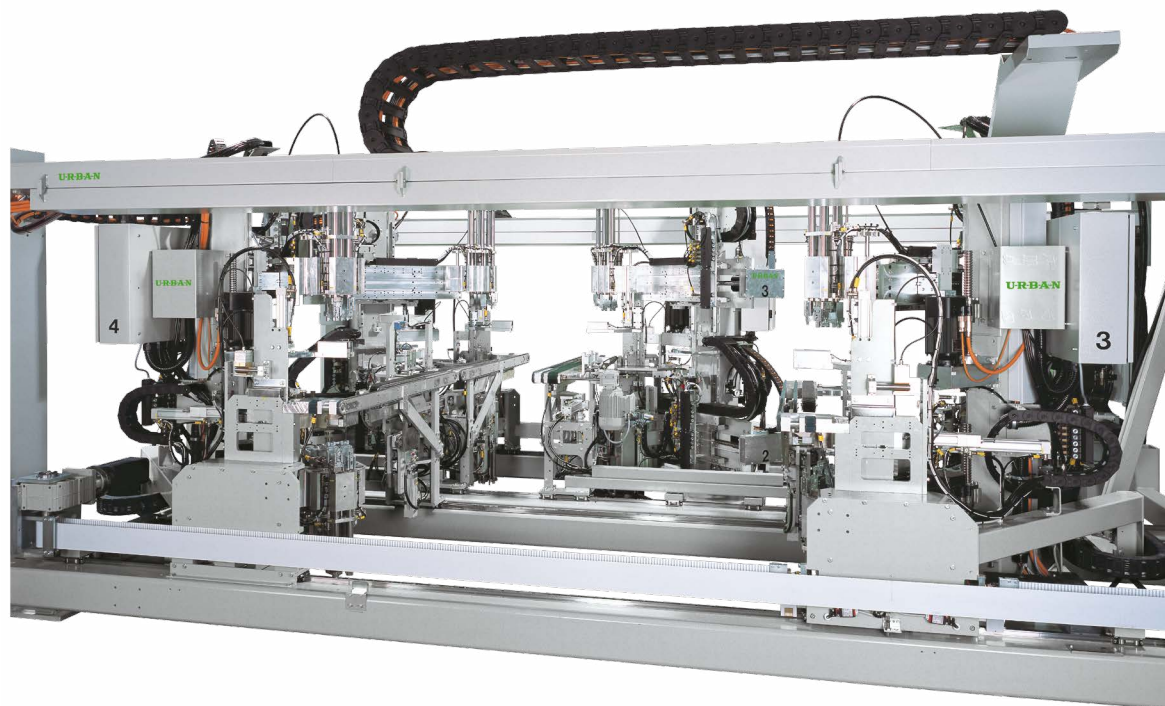
The machine is operated by a freely programmable CNC control with read-only memory for daily and weekly production and optionally by a profile identification with the possibility of transmission to downstream machinery or machining operations. Moreover, there are standard serial interfaces applied for online operation to ensure receiving and sending of data to other upstream or downstream machines or PC units. Standard tooling consists of 8 cutting / grooving knife units, 8 inside cleaning knife units and 4 disc cutting units. Numerous special tools are optionally available offering

a variety of machining possibilities: Milling / drilling unit, vertical / horizontal, knife cutting unit vertical / horizontal, inside cleaning knife unit for bevelled inner corners and radii as well as for outer corners on frames of different widths and overlap sashes.

The open structure of the SV 800/4 allows for an optimal adaptation to your production requirements due to the individual installation of specific special tools (e.g. units for transom and mullion machining, units for frame and sash overlap milling etc.).

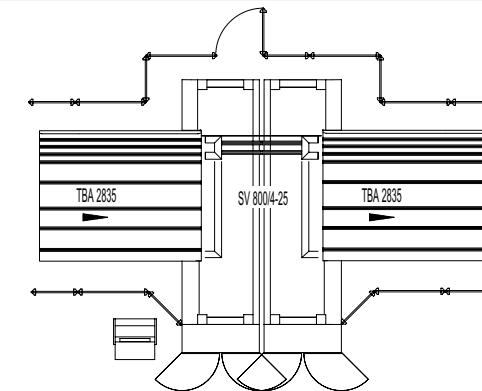
SV 800/4

CNC-Corner Cleaning Machine



Technical information

Sample layout



5300 kg



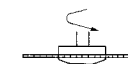
230 / 400 V, 50 - 60 Hz
L1-L2-L3-N-PE
10 kW / 20 A (for minimum extension level)



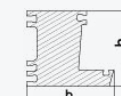
7 bar



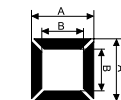
approx. 750 litres
air consumption per frame



5400 1/min



h max. = 130 / 200 mm
h min. = 20 mm
b max. = 150 mm
b min. = 20 mm



A max. = 2500 / 3000 mm
B min. = 210 mm

Technical data are valid for basic machine without options. Size according to layout.

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Product data sheet
SV 800/4
01/22 PR50062

SV 800/4

CNC-Controlled Corner Cleaning Machine

U-R-B-A-N

Trust. Right from the start!

Easy handling

Graphic visualization of the profiles and convenient simulation of all machining steps ensure easy handling of the machine.

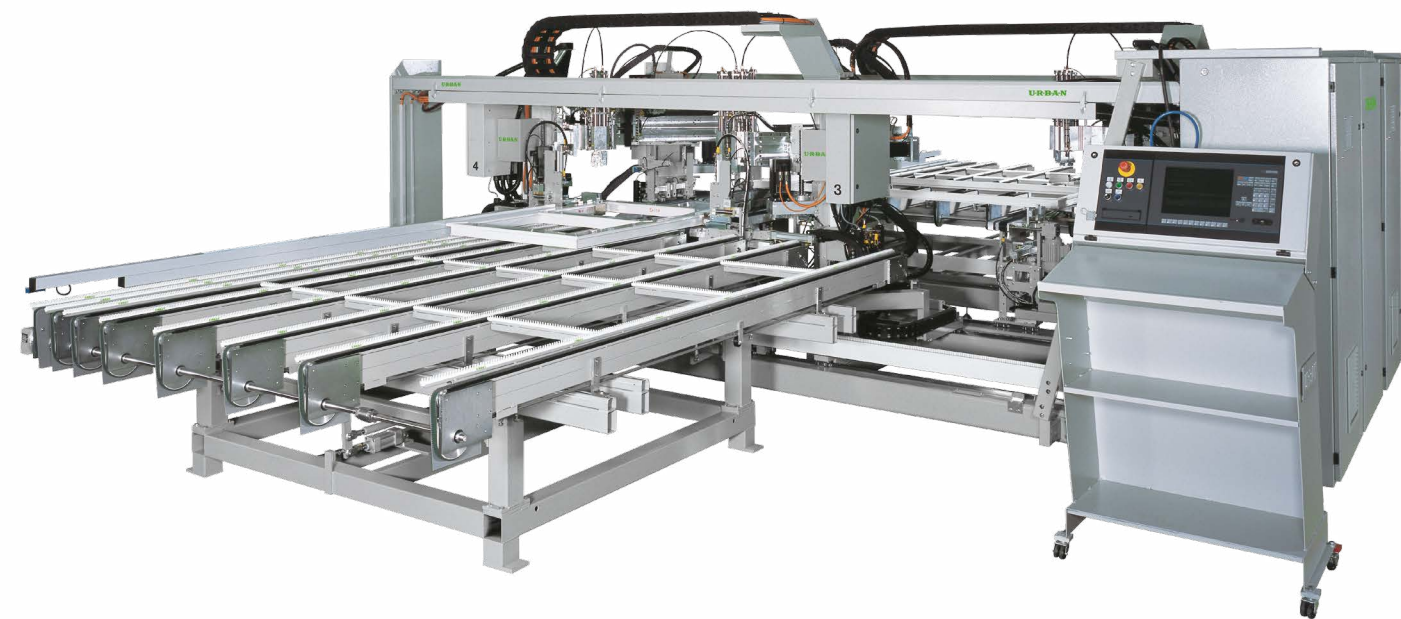
Solid design

Heavy-duty guides are the guarantee for a sturdy and solid machinery structure allowing high process reliability and longevity of the machine.

Cost-effective

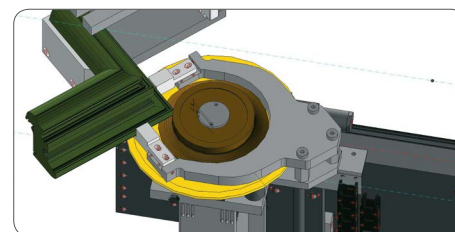
Optimal use of production space. Compact arrangement of 4 machining heads ensure highest productivity and flexibility.

PVC cleaning in a new dimension



Efficient production

The overlap milling unit* allows for milling of a variety of different frame combinations and sash overlaps.



Absolute precision

Many tools are equipped with a scanning device*. That's why profile tolerances are of minor importance.
(picture: Skimmer blade with scanning device)



Highest flexibility

The inner stop ensures highest flexibility for machining of overlap, transom, cross and frame combinations.



Additional possibilities

The Z axis* offers additional possibilities e.g. compensation of machining centre or pocket milling for concealed stay arm brackets (see picture).

*optionally available