EVOG - XS3

CNC CONTROLLED PROFILE MACHINING CENTER (3+1 AXIS)

EVOMATEC
FENSTERBAUMASCHINEN

Thanks to its spindle which can operate in -90, 0 and +90 fixed angles, the 3+1 axis CNC machining center, EVOG-XS3 can process different sizes of aluminum and PVC profiles and offer a wide spectrum of solutions to the user. The machine is developed to carry out all-in-one milling, drain channel opening, punching, marking and end milling operations on aluminum and PVC profiles, and to perform special non-standard operationson different profiles. The high processing capacity (300 mm x 265 mm) provides satisfactory user experience with the machines' performance in all operations.

MACHINING LENGTHS

X Axis (Longitudinal) 3000 mm

Y Axis (Lateral) 300 mm

Z Axis (Vertical) 265 mm

Fixed angles with angular head -90° | 0 | +90°

POSITIONING SPEED

X Axis (Longitudinal) 127 m/min

Y Axis (Lateral) 40 m/min

Z Axis (Vertical) 10 m/min

SPINDLE

Maximum power 5.5 kW

Maximum rotation speed 24000 rpm

Tool holder ISO 30

Cooling type Electro Fan

TOOL STORAGE

Tool storage system with stationary ATC ●

Maximum tool storage system number with stationary ATC 8 + 1

Tool storage system with umbrella ATC ○

Maximum tool storage system number with umbrella ATC 10 + 1

Maximum saw blade diameter in to the storage system 150 mm

TAPPING CAPACITY

With compensator chuck M8

Rigid tapping ○

PROCESSABLE UNITS

With direct tool (upper surface, lateral surfaces, heads) 5

With saw blade (upper surface, heads) 3

PROFILE POSITIONING

Right and left pneumatic profile reference alignment ●

CONTROL UNIT

Touchscreen 15" HMI

Remote access ●

Data transfer via remote network connection, Ethernet and USB ●

Barcode reader ○

Industrial PC ○

Smart CAM post processing ●

OPERATIONAL AREA

Clamps, standard quantity 4

Clamps, maximum quantity 6

Automatic clamp positioning on X-axis ●

Automatic lubrication in processing area ●

● Included ○ Optional