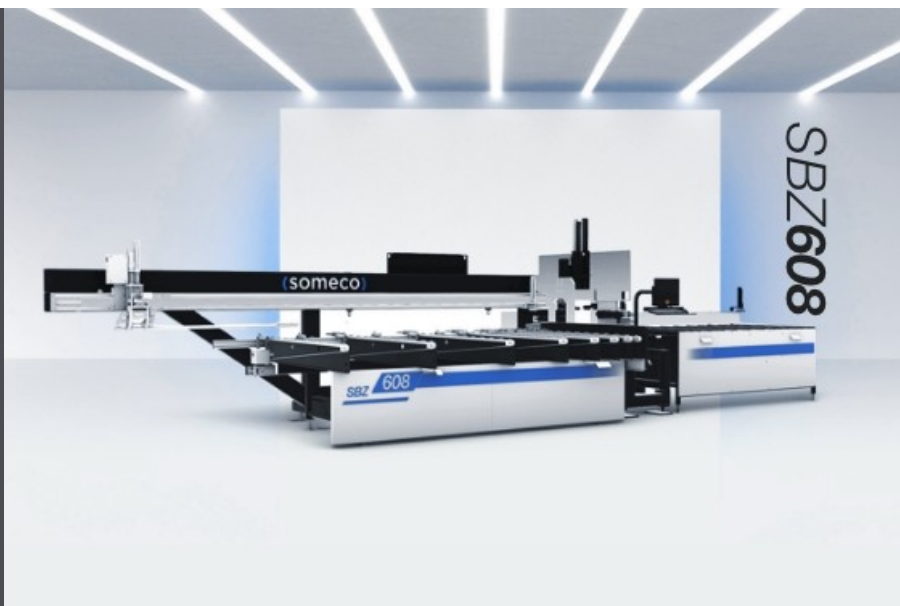


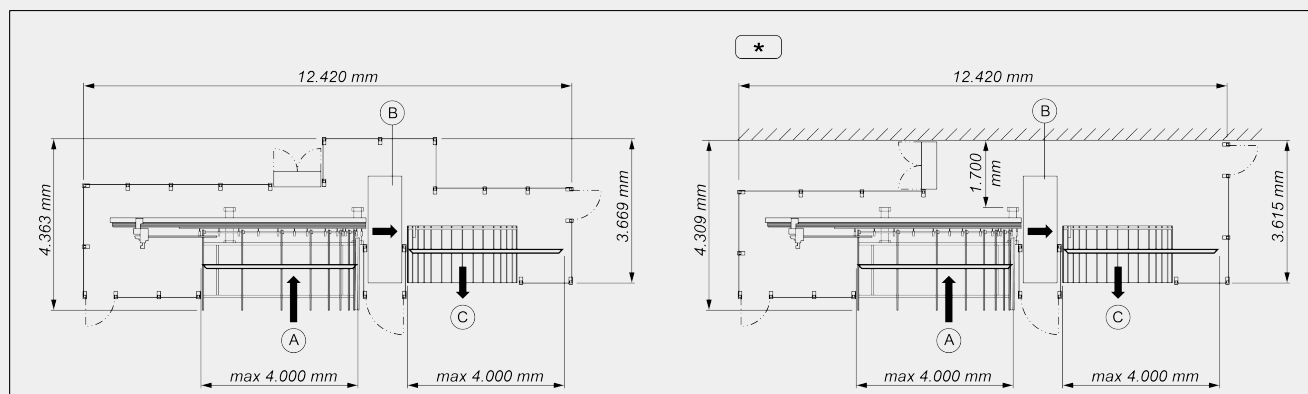
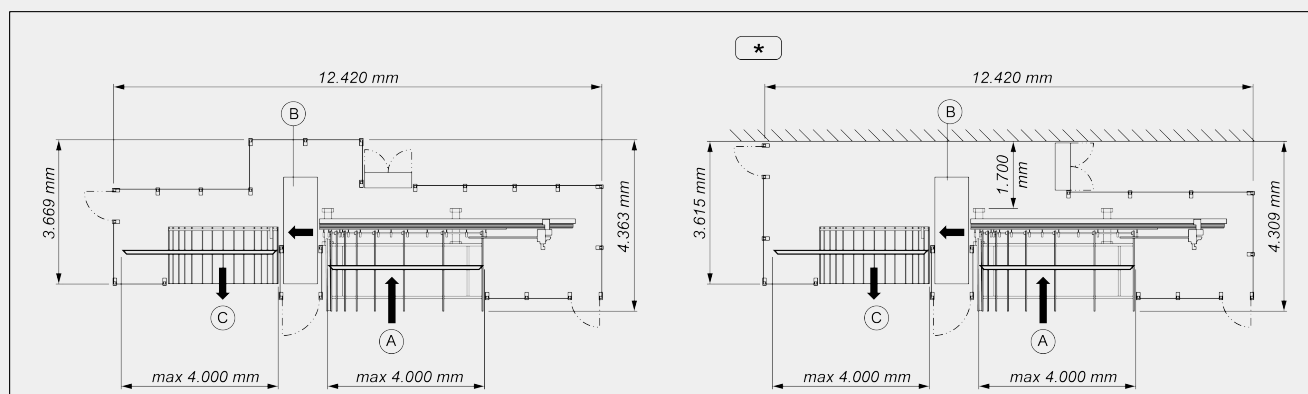


## *SBZ 608*

Cutting and machining  
centers



A fast downstream centre for reinforcement screw driving, drilling and routing cut-to-length profiles for window, door and curtain wall manufacturing with and without steel reinforcement. Portal design for high profile cross-sections and process-optimised throughput.

**LAYOUT****Left version (left to right)****Right version (right to left)**

- A - Loading magazine  
 B - Machining unit  
 C - Unloading magazine  
 \* - Standard version

The overall dimensions may vary depending on the product configuration.

**AXIS TRAVEL**

Y AXIS (cross) (mm)	370
Z AXIS (vertical) (mm)	270
X AXIS (bar positioning) (mm)	5.620
Y1 AXIS (cross gripper positioning) (mm)	130
Z1 AXIS (vertical gripper positioning) (mm)	145
A1 AXIS (gripper rotation)	280°

**LOADING UNIT: PROFILE POSITIONING**

Workpiece reference stop near the working unit	●
Maximum loadable length (mm)	4.000
Belt loading magazine for 14 profiles with a length varying from 350 mm to 4.000 mm, max. weight 40 kg	●
Loading feeder with 2 controlled axes for workpieces of up to 4.000 mm with gripper	●
Electronically controlled 0 - 180° collet rotation (C1 axis)	●
Minimum machinable profile section - W x H (mm)	30 x 30

**ELECTROSPINDLES FOR PVC MILLING (MANUAL CHANGE)**

Maximum power in S6 (kW)	0,75
Maximum speed (rpm)	16.300
Maximum diameter (mm)	12

**ELECTROSPINDLES FOR HANDLE DRILLING (MANUAL CHANGE)**

Maximum power in S6 (kW)	1,6
Maximum speed (rpm)	2.456
Maximum diameter for 3-spindle aggregate (mm max.)	12 / 14 / 12

**ELECTROSPINDLES FOR SMALL DIAMETER PVC & STEEL (MANUAL CHANGE) OPTIONAL**

Maximum power in S6 (kW)	1,2
Maximum speed (rpm)	9.820
Maximum diameter (mm)	12

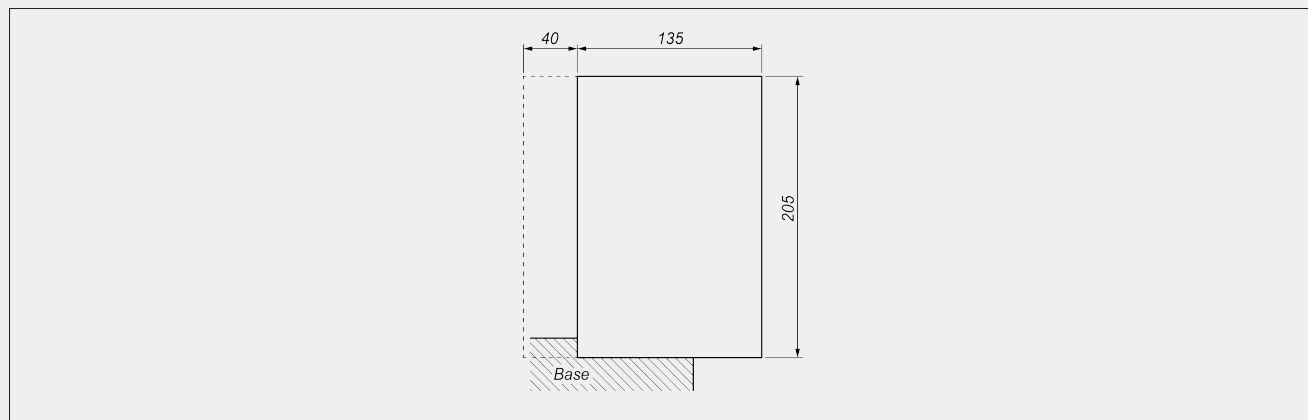
**ELECTROSPINDLES FOR END MILLING (MANUAL CHANGE) OPTIONAL**

Maximum power in S6 (kW)	1,6
Maximum speed (rpm)	5.600
Maximum diameter (mm)	160

**WORKABLE SIDES**

Number of faces (top, side, bottom)

1 + 2 + 1

**WORK AREA**

\_\_\_\_\_ max. profile area

----- max. overlap

**WORKPIECE LOCKING**

Automatic fixed clamping system before machining area



Automatic fixed clamping system after machining area



Clamping system standard height 20 mm



Clamping system for profile adapted to profile system

**MODES OF OPERATION**

Screwing operation for reinforcement steel



Milling, drilling operations of the piece direct from the profiled bar



Hand held scanner for bar code



Rotary axis gripper



Blow-off devices per additional working unit



Tool package 16 units





## SUPPORT BASE

Monolithic in electrowelded and standardised steel



## UNLOADING UNIT

Unloading table with a pneumatic pusher for workpieces of up to 4000 mm



Belt magazine unloading depth (mm)

1.900

## ELECTRIC CABINET COOLING

Electrical cabinet with air conditioner for operating temperature < 45 °C



Electrical panel and CN conditioner for operating temperatures < 50°C



Included ● Available ○