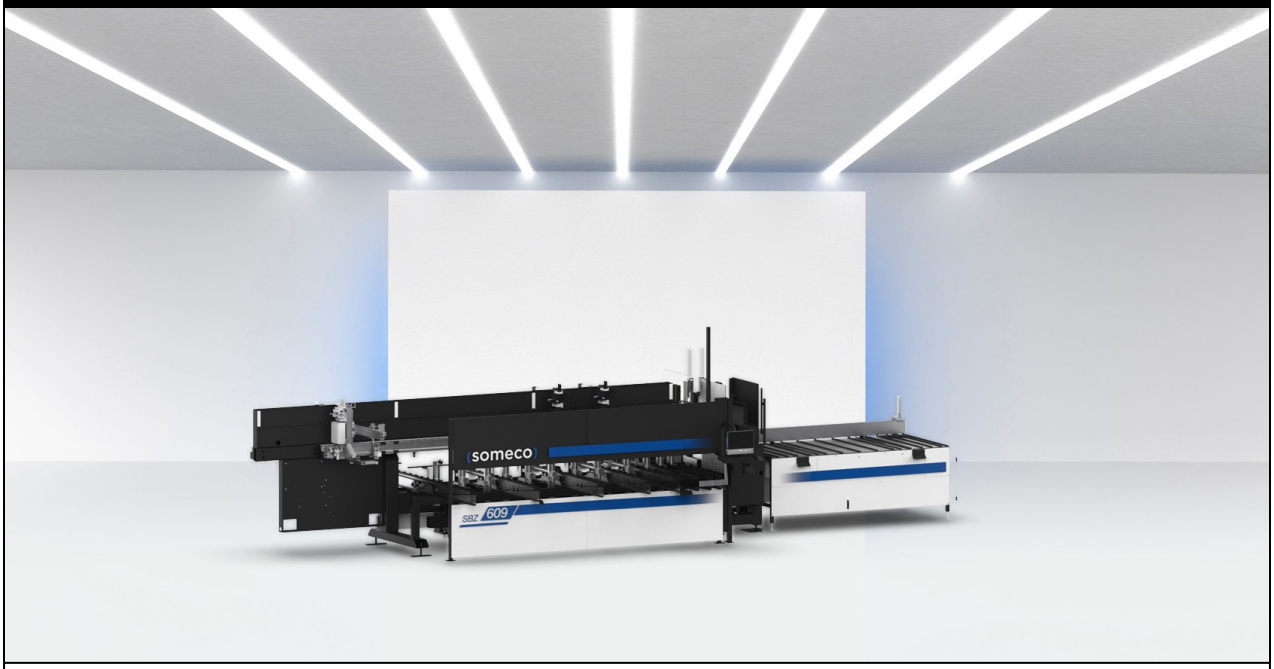
(someco)

a voilàp company

SBZ 609

THROUGH FEED MILLING 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 throughfeed. Additional efficiency through parallel processing by external reinforcement screwdriver system.

Voilàp S.p.A.
Via Archimede, 10
41019 - Limidi di Soliera (MO)
ITALY

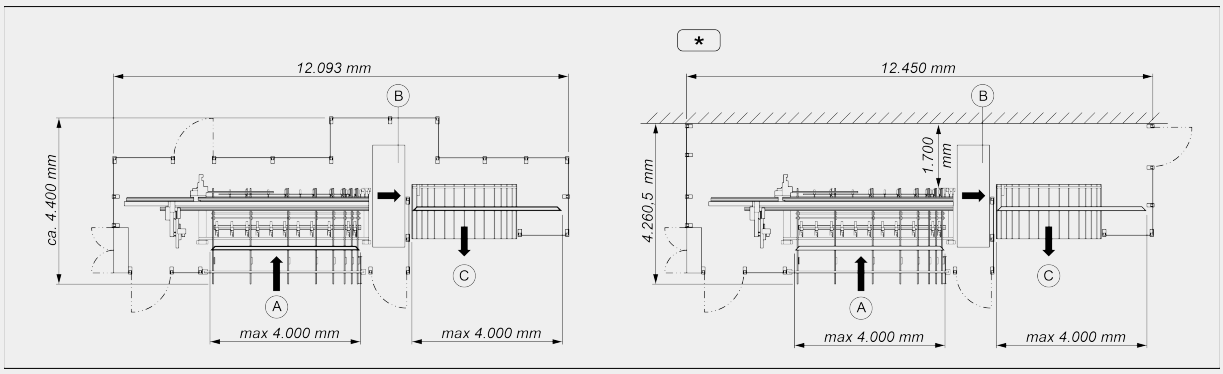
Tel 059 895411
Fax: 059 859404
P.IVA e C.F. 02057270361
info@somecopvc.com
www.somecopvc.com

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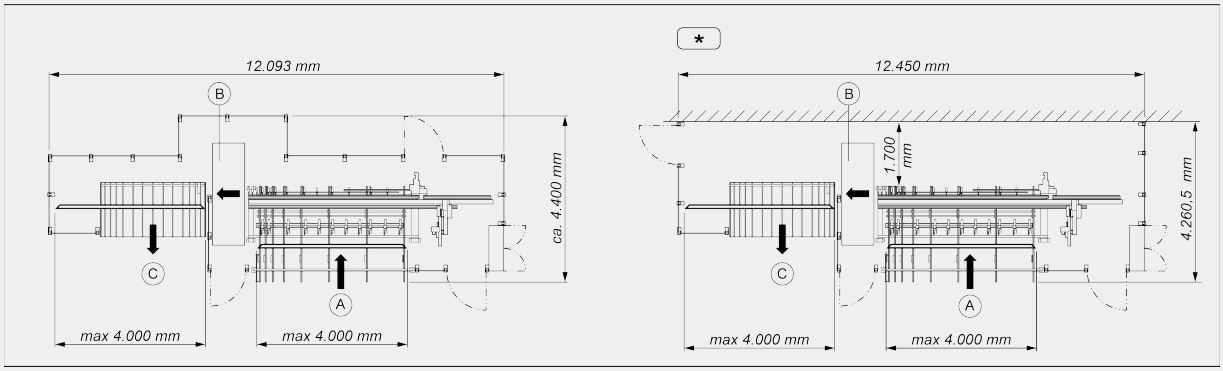
SBZ 609 / THROUGH FEED MILLING CENTERS

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	●

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LOADING UNIT: PROFILE POSITIONING	
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)	1,2
Maximum speed (rpm)	5.600
Maximum diameter (mm)	160

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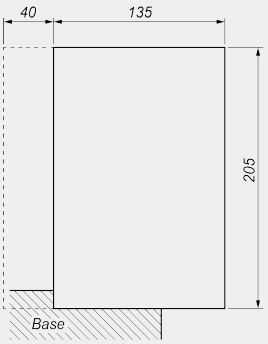
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WORKABLE SIDES

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	●
Upstream screwdriver rear/front including screw feeding	●
Milling, drilling operations of the piece direct from the profiled bar	○
Hand held scanner for bar code	●
Rotary axis gripper	●
16 editing units including blow-off devices	○
Tool package 16 units	○

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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 temperatures < 45 °C	●
Electrical panel and CN conditioner for operating temperatures < 50°C	○

Included ● Available ○

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