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SBZ 616/01

THROUGH FEED SAWING CENTERS



This all-rounder can be used as a automatic cutting centre. Maximum working speeds with the highest quality are delivered by one axis controlled cutting unit. Automatic cutting centre for cutting with programmable cutting angles, cutting profiles to length for window, door and curtain wall manufacturing.

Voilàp S.p.A.
Via Archimede, 10
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ITALY

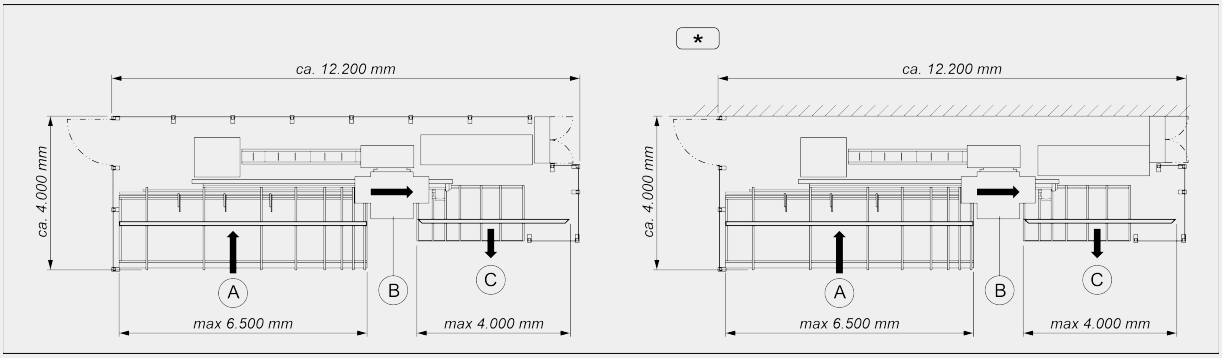
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The right to make technical alterations is reserved.

SBZ 616/01 / THROUGH FEED SAWING CENTERS

LAYOUT

Left version (left to right)



A – Loading magazine
B – Machining unit
C – Unloading magazine
* – Standard version

The overall dimensions may vary depending on the product configuration.

AXIS TRAVEL

X AXIS (bar positioning) (mm)	3.430
Y1 AXIS (cross gripper positioning) (mm)	130
Z1 AXIS (vertical gripper positioning) (mm)	130

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LOADING UNIT: PROFILE POSITIONING

Workpiece reference stop near the working unit	●
Maximum loadable length (mm)	6.500
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

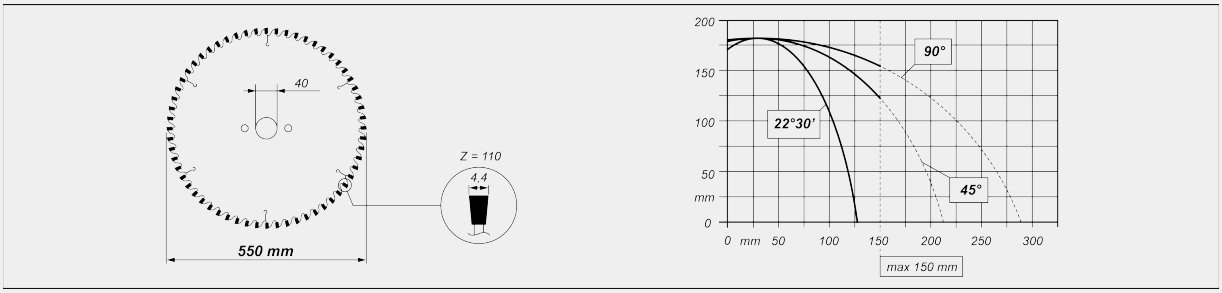
BLADE MOTORS (MANUAL CHANGE)

Maximum power rating in S6 (kW)	4
Maximum speed (r.p.m.)	2.850
Air cooling	●
Blade diameter (mm)	550
Number of motors	1

MACHINABLE CUTTING ANGLES

Cutting angle	22°30’ ÷ 157°30’

CUTTING DIAGRAM



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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

Label printer	○

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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