

wide belt sanders

dmc system xl

automatic wide belt sander for X-lam/CLT walls



REV. N. 01 - 05/2024



SCM GROUP SPA
via Casale 450 - 47826 Villa Verucchio, Rimini - Italy
tel. +39 0541 674111 - scm@scmgroup.com
www.scmwood.com



TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

Automatic wide belt sander dmc system xl specifically designed for machining X-lam/CLT walls.

Completely **modular machine** according to customer's needs, it is able to process both top and bottom face of CLT elements up to 3700 mm width and 500 mm thickness.

dmc system xl thanks to its solid steel structure is suitable for high production capacities and stands out for remarkably low consumption due to the automatic feed speed adjustment.

Crossbelt unit

It performs the **crossed grain** sanding for top surface quality and improved X-lam/CLT wall roughness. It is equipped with **powered rotating blowers** for greater effectiveness of abrasive belt action and increased belt life.

Timed oscillating blowers for an effective abrasive belts cleaning.



The **unit** is also available in a **"piggyback"** version, a solution designed to **reduce machine footprint** as it can be integrated to a roller and/or pad unit.



"EPICS" sectioned pad to sand perfectly uneven surfaces.

Simplified abrasive belt replacement, with extractable arm system (exclusive solution).



Electronic grit set for an accurate and quick positioning of the operating units.



Grooved steel calibrating roller with 450 mm diameter.



Easy installation and maintenance operations, with the motors placed on the ground.

Upper pressure idle rollers.



Wide opening of the work table for machining walls up to 500 mm thickness.



eye-M control panel with Maestro active sand electronic control, for a fast and efficient machine control

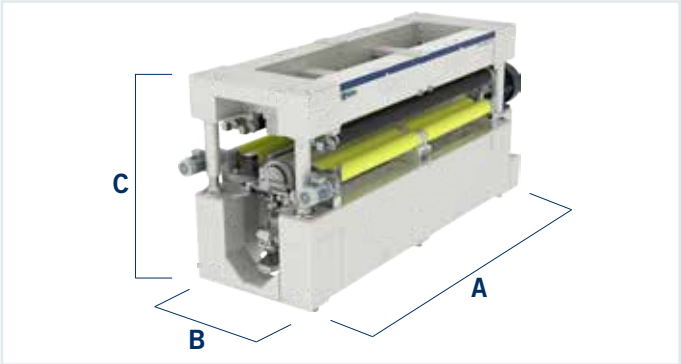
"Maestro active sand" control allows you to set all the machining parameters from the "eye-M" console with 24" touch screen, for a simple and intuitive management of the machine and the full productive process.



Lower work table with Vulkollan large-sized rollers diameter (210 mm), with independent drives managed by HMI to grant **identical speed for each roller**.

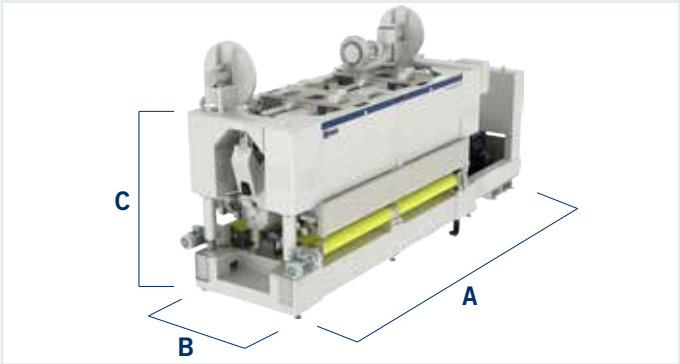
LAYOUT

dmc system xl



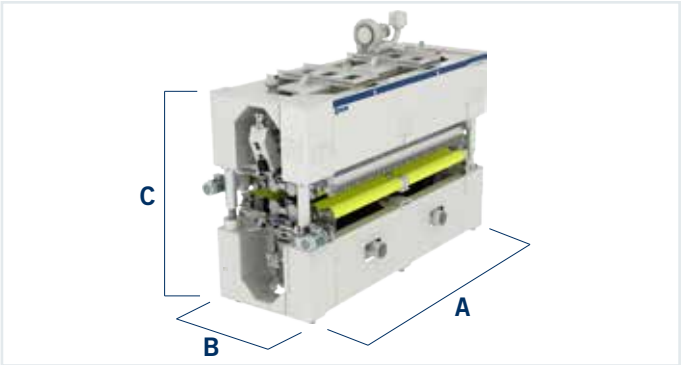
BOTTOM ROLLER UNIT

A	mm	5974
B	mm	1720
C	mm	2882



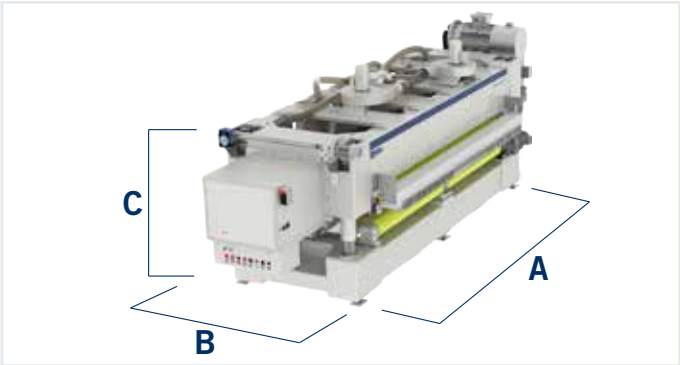
TOP PAD/ROLLER UNIT

A	mm	6850
B	mm	1720
C	mm	2882



BOTTOM/TOP PAD UNIT

A	mm	5796
B	mm	1720
C	mm	3616



CROSSBELT UNIT

A	mm	7050
B	mm	1720
C	mm	2290

TECHNICAL DATA

dmc system xl
automatic wide belt sander for X-lam/CLT walls

DMC SYSTEM XL		
Working width	mm	3700
Min/max standard working thickness (fixed table)	mm	10 - 500
Longitudinal abrasive belts dimension	mm	3720 x 3250
Abrasive crossbelts dimension	mm	300 x 14100
Rollers work table feed speed	m/min	2 - 10

**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001**

*The technical data can vary according to the requested machine composition.
In this catalogue, machines are shown with options.
The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms.*



scm | service
**WE'LL GO THE
 EXTRA MILE
 FOR YOU**

SCM OFFERS A FULL RANGE OF **HIGHLY SPECIALISED SERVICES** WITH A QUALITY AND RELIABILITY THAT STEM FROM 70 YEARS OF EXPERIENCE IN THE INDUSTRY.

From installation and production start-up to services and maintenance. From training to the supply of specific original spare parts: **we provide solutions designed around you!**

 SERVICE AND MAINTENANCE • Remote support • Scheduled maintenance contracts • Warranty extension	 TRAINING SERVICE • Courses for machine operators • Software and programming courses • Training in production start-up
 SPARE PARTS • Recommended spare parts list • E-shop • Interactive spare-parts catalogues • Repairs on electronic parts, glue tanks and electro-spindles	 DIGITAL SERVICES • Maestro Connect - IoT platform to be constantly connected with your machines • Smartech - assistance with augmented reality • My Scm portal - opening of service ticket and single point of access to the apps and Services tools

THE STRONGEST WOOD TECHNOLOGIES ARE IN OUR DNA

SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND
 70 years of success gives SCM the centre stage in woodworking technology. This heritage results from bringing together the best know-how in machining and systems for wood-based manufacturing. SCM is present all over the world, brought to you by the widest distribution network in the industry.

- 70** years history
- 3** main production sites in Italy
- 300.000** square metres of production space
- 20.000** machines manufactured per year
- 90%** export
- 20** foreign branches
- 400** agents and dealers
- 500** support technicians
- 500** registered patents

In SCM's DNA also strength and solidity of a great Group. The SCM Group is a world leader, manufacturing industrial equipment and components for machining the widest range of materials.

SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL MACHINES AND COMPONENTS

INDUSTRIAL MACHINERY		INDUSTRIAL COMPONENTS			
Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.		Technological components for the Group's machines and systems, for those of third-parties and the machinery industry.			
					
WOODWORKING TECHNOLOGIES	TECHNOLOGIES FOR PROCESSING COMPOSITE MATERIALS, ALUMINIUM, PLASTIC, GLASS, STONE, METAL	SPINDLES AND TECHNOLOGICAL COMPONENTS	ELECTRIC PANELS	METALWORK	CAST IRON

CONTACT
SCM SERVICE
 via Emilia 77 - 47921 Rimini - Italy
 tel. +39 0541 700100
 scmsservice@scmgroup.com
 www.scmwood.com

SCM SPAREPARTS
 Via Emilia, 61 - 47921 - Rimini - Italy
 tel. +39 0541 674111
 spareparts@scmgroup.com
 www.scmwood.com

My Scm

