

FLEXSTORE S

THE AUTOMATIC SIZING SYSTEM AND THE PANEL STORAGE MANAGEMENT

Representing **SCM products for sizing and automation, the automatic system** composed of a 3-axis **storage system, Flexstore S, arriving in** a new configuration that includes the **automatic device for the labelling of panels** , integrated with the SCM Sigma Impact.

FLEXSTORE S THE OPTIMISATION OF MACHINING TIME AT LOW COST

Flexstore S is the Scm brand storage system that guarantees the optimisation of material flow and machining time at low cost. A functional and dynamic storage system for panel management able to automatically provide panels to the storage cell and the **Sigma Impact** beam saw automatically integrated: panels are picked-up from the stacks and unloaded into the rear of the machine for cutting. All machining operations are managed by a software and performed with maximum flexibility, safety and accuracy.

Flexstore S comes with a **new configuration** that includes an automatic device for the **labelling of panels**, a solution that enables the creation and printing of labels on panels, including written text, bar-codes or images , directly on board the machine. This ensures complete traceability and identification of every single furniture item being produced, without the need for operator intervention, which translates into drastic reduction of production cycle times within the cell.

The storage systems defined configurations allow time and space saving and the reduction in operators required. With just a single station to manage the working process of the complete cell, a single cell diagnostic report and guarantee of availability of material, the forklift is not required for the material displacement inside the cell.

"SIGMA IMPACT" HIGHER PERFORMANCE AND GREATER EASE OF USE THANKS ALSO TO THE "FLEXCUT /1S" UNIT

The **Sigma Impact beam saw integrated in the Flexstore S** storage system is introduced with a **renewed version** which has increased its performance and versatility whilst maintaining the same price and total ease of use.

In particular, **the blade projection is increased** from 90 mm to 95 mm and from 110 mm to 115 mm - to meet all market requirements in terms of machining unfinished chipboard and other materials – and the **increase of the standard speeds of the axes** – std blade carriage speed 6 – 60 m/min with option to reach 150 m/min and std pusher speed 55 m/min with option to reach 120 m/min.

Furthermore, the pressure beam movement on prismatic guides with recirculating balls ,which has become a **standard feature**, means that Sigma Impact is the only panel beam saw in its cutting range with this solution as standard. Also the **air cushion tables have changed their appearance**: they have been designed with new materials that meet all loading requirements and guarantee improved and long-lasting support.

Sigma Impact is equipped with the “**Flexcut/1S**” **single clamp unit**, a device that makes the beam saw even more flexible and with a very high performance : two **independent pushers** allow simultaneous cross and longitudinal cuts to be carried out with a **productivity increase of up to a 30%**.

Sigma Impact comes with a news concerning the **rear table, with the aim to provide high protection for delicate materials** . The table wheels have been **flocked** to obtain a velvety effect on the surface, a method used to reduce friction for panels with delicate surfaces to avoid damaging them.

Le immagini in alta risoluzione sono disponibili al seguente link:
www.scmgroup.com/press/holzhandwerk

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