

Sanding Platen System

Calibrating & Sanding Solutions

THE SPS CONCEPT

The new **Sanding Platen System** (SPS) concept completely replaces the need to cut, assembly and tension the felt and graphite cloth, traditional components of the sanding platen. It is well known that this operation is time consuming and cannot assure a consistent and homogeneous surface finishing.

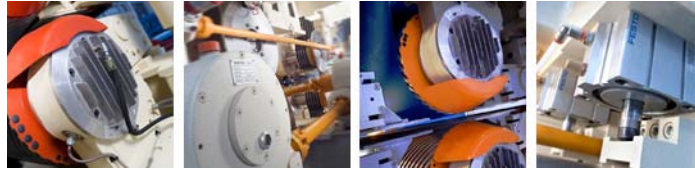
Developed by SIA Abrasives to increase the sanding quality and simplify the maintenance, the key components of the Sanding Platens System are:

- the IMEAS sanding platen, made of a thermal resistant composite material
- the SIA Slide Pad, a consumable part consisting of a rigid support, a felt strip and the graphite cloth glued together.

FIELDS OF APPLICATION

The **SPS** system is designed for maximum performances in sanding all types of wood-based panels, such as MDF, HDF, Particleboards, plywood, OSB, LVL™ etc.

The new Sanding Platens System can be installed on every IMEAS machine equipped with platen and roll-platen sanding units, regardless its age.



A new system developed to increase the surface quality of the board

The new IMEAS sanding platen is designed to work together with the SIA Slide Pad in an optimal way, providing benefits that increase the value-added of the sanding operations.

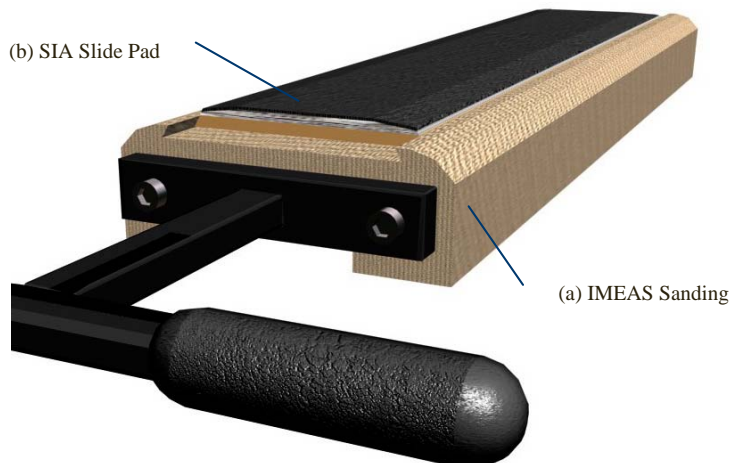
Sanding quality: the use of a standardized consumable component made by professionals assures the highest possible quality and consistency in boards sanding, hour-by-hour, day-by-day.

Simplified maintenance: instead of removing the whole platen from the machine, operators have now to replace **ONLY** the SIA Slide Pad.

Sanding line efficiency: the use of a consumable component allows faster maintenance thus increasing the sanding line up-time.

More focus on sanding: operators can now spend more time in attending the sanding process instead of assembling the sanding platens.

Shape under control: The use of a platen made by heating-resistant composites materials avoids deformations and produces consistent boards.



General Data

AVAILABLE VERSIONS

- The sanding process has different requirements for different Companies. For this reason, four types of Slide Pads have been created by SIA Abrasives, combining together:
- two types of felts (soft and hard)
- two types of felt supports, providing 40 and 55 mm of active contact area with the board.

STORAGE & SUGGESTION

- IMEAS sanding platens can be kept inside the machine sanding units without problem. If removed or stored for long periods of time, it is strongly suggested to place them on a flat surface to prevent damages and distortion.
- SIA Slide Pads must be kept in their protective boxes and placed on a flat surface until the use. If possible, moistly locations should be avoided.

Data sheet & Comparison chart

NOMINAL WIDTH	PLATEN LENGTH	ORDERING CODE
1300 mm	1400 mm	800040046000
1600 mm	1700 mm	800040047000
1900 mm	2000 mm	800040048000
2200 mm	2300 mm	800040052000
2300 mm	2400 mm	800040049000
2600 mm	2600 mm	800040050000
2650 mm	2750 mm	800040061000
2800 mm	2900 mm	800040062000
2900 mm	3000 mm	800040055000
3200 mm	3300 mm	800040066000
Other width	Please contact IMEAS for information and quotation.	

HOW TO ORDER THE NEW IMEAS PLATENS

Orders for IMEAS new Sanding Platen System can be placed directly to IMEAS spa. To speed up the process, we suggest to specify also:

- one of the above order codes (or actual platen length if different)
- the machine serial number
- the quantity of platens to be supplied.

HOW TO ORDER THE SLIDE PADS

The SIA Slide Pads are the consumable component of IMEAS Sanding Platen System and they need to be replaced according to your actual practices.

SIA Slide Pads can be purchased ONLY through SIA Abrasives. Please contact your local SIA dealer or visit www.sia-abrasives.com for more information.

IMEAS spa reserves the right to change any data without notice.