



CHOSEN BY LEADING
COMPONENT MANUFACTURERS
WORLDWIDE

UNIVERSAL STACKERS

SW- series



- Universal manual or automatic stacking machine for LTCC, HTCC or other similar components
- Suitable for tapes with, or without carrier film
- Process on one carrier pallette
- Possible to start building stack from top or from bottom
- Simple operation

**SUITABLE FOR MOST DEMANDING
HTCC AND LTCC APPLICATIONS**

BASIC CONFIGURATION:

The SW series of stackers were designed for LTCC, HTCC and other allocations where maximal flexibility is required.

On these machines the green ceramic tapes without or with carrier film can be processed. If carrier film supported tapes are used, then tape can be first pressed on to previous one and after that carrier film will be removed automatically. Carrier film can be also removed before stacking manually.

With optional rotation station sheets can be stacked either with face down or face up, depending on component design.

Stack is built on a single carrier block.

The stacking sequence such as pressing force

and pressing time, sheet rotation and carrier film removal are fully programmable via a touch screen interface. Two high resolution cameras controlled by a PC vision system detect registration marks. A x, y and theta alignment table align individual sheet to proper position before stacking.

Fast machine start up, simple operation, high alignment accuracy and small footprint.

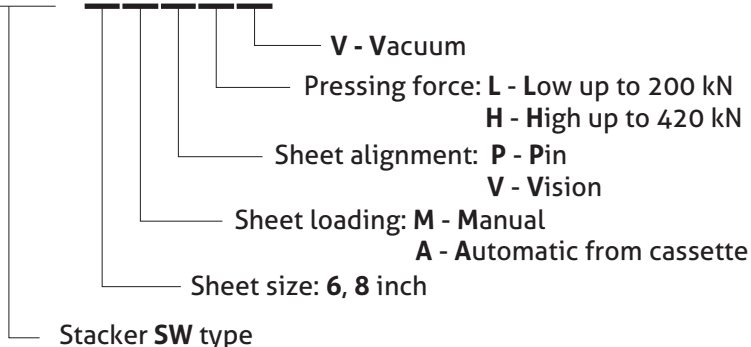
SW model- stacking on to carrier block with top flat metal press

SWU model- stacking on paper, holding stack by vacuum, pressing by protective paper on top pressing plate, automatic Mylar removing form top and bottom

Technical specification			
Number of carrier block processed	1	Control	PLC + PC for vision acquisition
Stacking forces	up to 420 kN (optionally 200kN or 700kN)	Number vision cameras	2
Stacking temperature	up to 80°C (176°F)	Options	rotation station, vacuum pump, programable
Typical cycle time	15 sec. (depends of stacking time)	Power	5 kW

How to order: *

SW-XXXXXX



* Options and other requirements have to be specified separately.



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