



**CHOSEN BY LEADING
COMPONENT MANUFACTURERS
WORLDWIDE**

UNIVERSAL STACKERS

SWU- series



- Universal manual or automatic stacking machine for LTCC, HTCC or other similar components
- Suitable for tapes with, or without carrier film
- Process on paper, fixed by vacuum
- Possible to start building stack from top or from bottom

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

BASIC CONFIGURATION:

SWU 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 carrier film can be removed automatically before taking or after taking.

AS sequence is fully programmable any kind of stack can be build up. Stack is built on a heated vacuum table. A high porous paper is used to protect stacking table from contamination.

Stacking sequence such as pressing forces and pressing times per each layer 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.

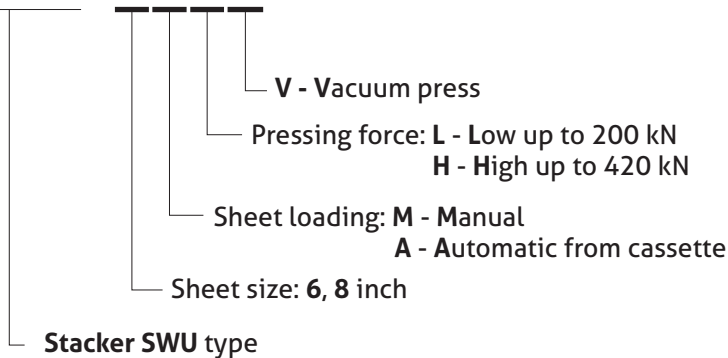
Automatic machine version is automatically handling sheets from cassettes or trays and places them on to alignment table for stacking.

Fast machine start up, simple operation, high alignment accuracy, small footprint and numerous possible options are making SWU a truly universal green ceramic sheets stacker.

Tehcnical 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 (optionally 4)
Stacking temperature	up to 80°C (176°F)	Options	gluing station, bar code printer
Typical cycle time	15 sec. (depends of stacking time)	Power	5 kW

How to order: *

SWU-XXXX



* Options and other requirements have to be specified separately.



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