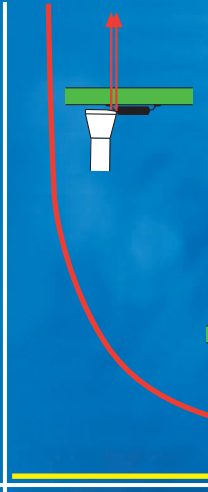


Shape Memory Tooling - *shaping the future* - today.

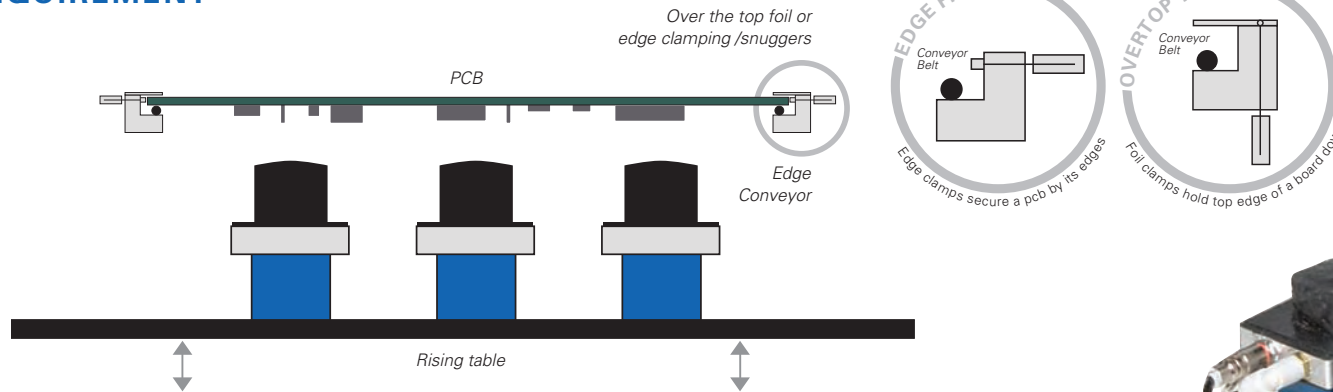
BOARD SUPPORT IS CRITICAL WITHIN ANY PRINTER, DISPENSER AND PICK AND PLACE MACHINE TO RUN A REPEATABLE PROCESS. A CUSTOM DEDICATED MACHINED TOOLING PLATE IS THE IDEAL SOLUTION BUT YOU MUST PLAN WELL AHEAD, HAVE THE PLATE DESIGNED AND THEN MANUFACTURED, EVEN THEN IT'S ONLY A CUSTOM FIT FOR THAT VERSION OF THE BOARD.

Magnetic tooling pin posts and auto pin tooling do offer a flexible solution, but are limited to their pitch, the area they can support and

can cause stress and damage to components when the pins exert pressure on a device leg or body.

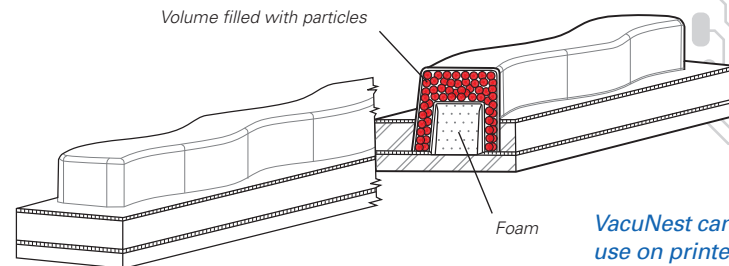


REQUIREMENT

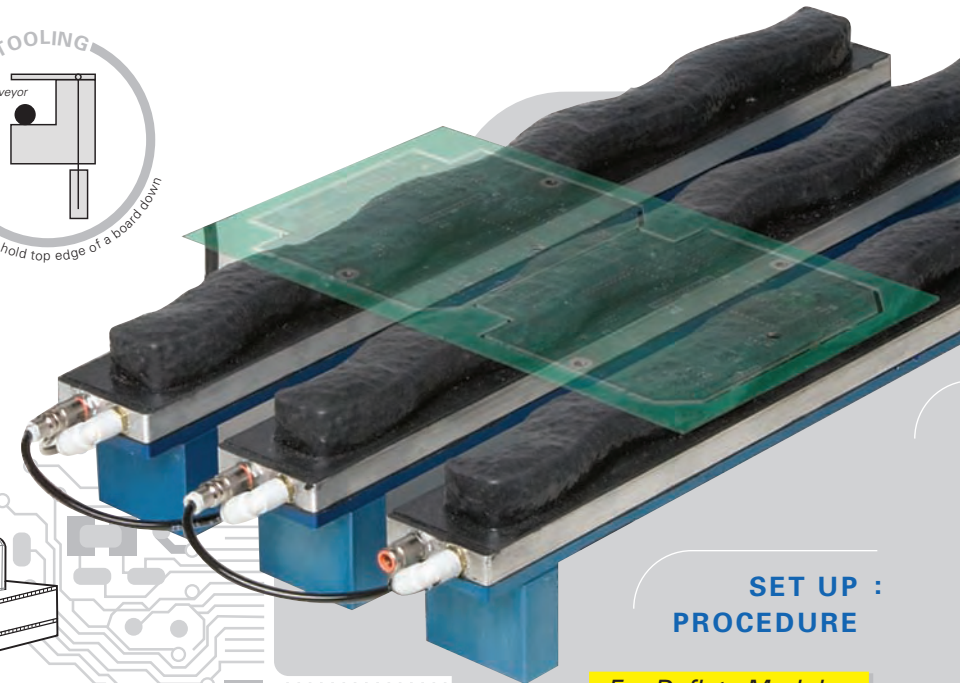


WORKING PRINCIPLE

An antistatic membrane covers a foam former surrounded by polymer granules. Simply place a golden board onto the modules, press down, pull a vacuum, and the memory of the board shape profile is held. Simple, secure and a custom board support within seconds. This shape is then held indefinitely until the vacuum is released after which the modules return to their original form awaiting set up for your next version of board.



VacuNest can be configured for use on printers, dispensers and pick and place equipment.



SET UP :
PROCEDURE

For Deflate Modules