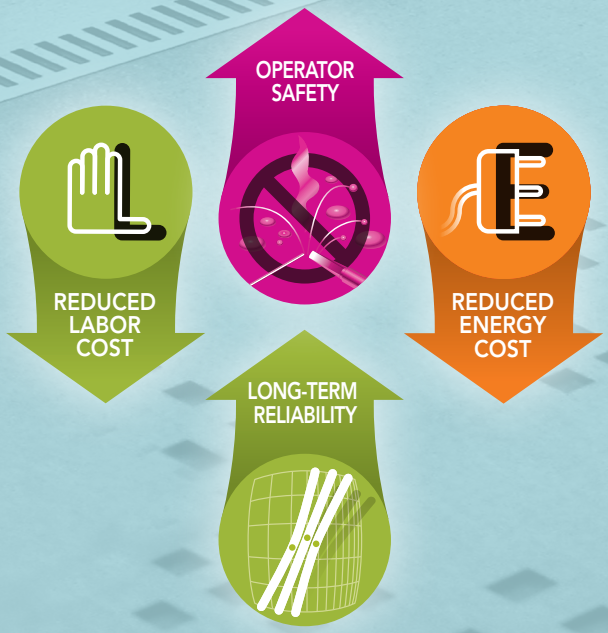
alpha ASSEMBLY SOLUTIONS™

ALPHA® tensoRED® MASTER TENSIONING FRAME



ALPHA® tensoRED® Master Tensioning Frame enables a higher and more even tension compared to ALPHA® Tetra Frame. Due to its innovative design, no air pressure on the frame is needed, resulting in reduced maintenance costs and improved reliability. Printing process benefits associated with higher tension have also been observed. ALPHA® tensoRED® delivers:

- Reduced maintenance costs
- Improved reliability
- Improved manual handling for operators
- More even tension* resulting in less paste smearing
- Reduced variation in volume deposits*
- Improved positional alignment on volume deposits*
- No need to replace your ALPHA® Tetrabond foils

* compared to foil mounted in ALPHA® Tetra master frame during standard print trial testing

A MacDermid Performance Solutions Business
A Platform Specialty Products Company

ALPHA® tensoRED® MASTER TENSIONING FRAME

ALPHA® tensoRED® Master Tensioning Frame was developed with the aim of reducing the total cost of ownership of stencils compared to other systems on the market. The patent pending technique for creating tension in the stencil is achieved without the need of air pressure being applied to the frame, resulting in less maintenance cost and downtime. It allows all the advantages of using stencils in foil formats to be achieved, at lower overall cost of ownership than older technologies.

The system requires a minimum of 1 loader per customer to allow stencil foils to be loaded and unloaded from the tensoRED® frame itself. Frames are available in common printer sizes and with configuration options for full 29" printer openings.

ALPHA® tensoRED® frames can be used with the following stencil products:

- ALPHA® Precision Milled Stencils
- ALPHA® CUT Laser Cut Stencils
- ALPHA® Nickel-Cut Stencils
- ALPHA® Form Stencils

ALPHA® tensoRED® is compatible with Alpha's extensive range of solder paste and adhesive products and suitable for a wide range of markets including Automotive, Computer and Mobile devices, Military, IT/Telecom, LED, Power Semiconductor, Power Supply and Power Conversion.

For more information about ALPHA® tensoRED® please contact your Alpha representative or visit www.AlphaAssembly.com

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