



"T SERIES,, WET PROCESS LINES

One of the extensive range of Muscat products for the printed circuit board industry

An aesthetically pleasing range designed to make the manufacturing process easier, reduce and simplify maintenance and greatly improve productivity

"It is our belief that the interests of both board and equipment producers are best served by establishing technology partnerships

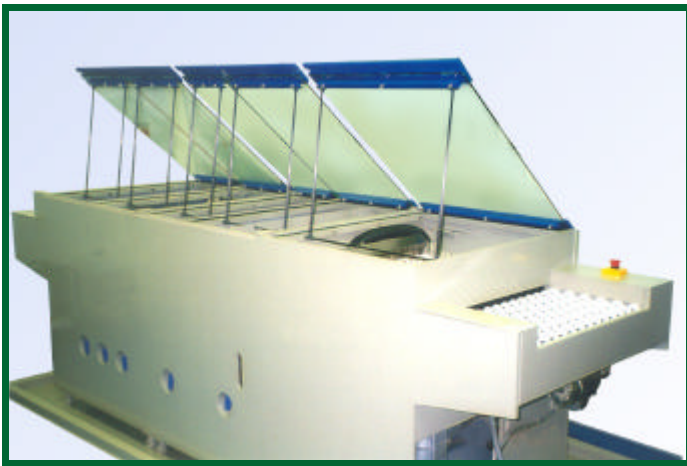
MUSCAT LIMITED
Headcorn Road
Sutton Valence
MAIDSTONE, Kent
ME17 3EH
UK

Phone: +44 (0)1622 843927
Fax: +44 (0)1622 842284
e-mail: sales@muscat-limited.com
<http://www.muscat-limited.com>



The 'T Series' wet process equipment is designed to lead forward with lines built to the highest specification in order to satisfy the most demanding of applications. Without sacrificing traditional strengths, features now include full construction in heavyweight beige polypropylene, flush fronts with recessed pressure gauges and control valves, PLC control with fault menus, audible/visible alarms, 2 way opening lids with supports, concealed service duct for drains and supplies and all modules height adjustable on non-corroding jacking feet. Ease of maintenance is a primary consideration and has been made as tool-free as possible.

- Working height – Nominal 900 mm (adjustable)
- Standard working width – 650 mm
- General module depth – 1250 mm
- Supply – 3 phase 50/60 Hz
- Speed – Variable inverter controlled up to 5 m/min
- Minimum panel size – 150 mm x 100 mm
- Double process lids



View of line with lids raised from the front and of the lid stays



Internal view of service tunnel



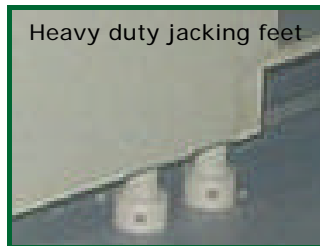
Integral resist pre-filter



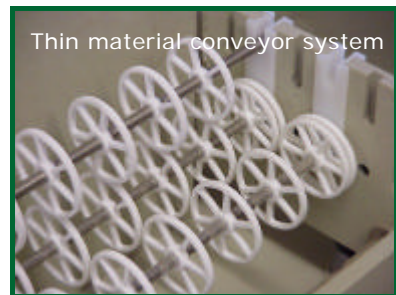
One piece hinged manifold



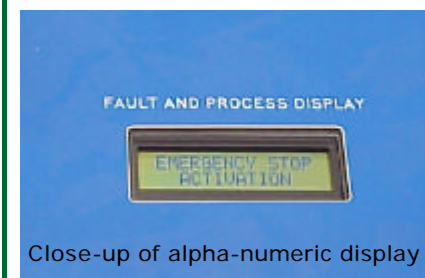
Clear PVC inner covers



Heavy duty jacking feet



Thin material conveyor system

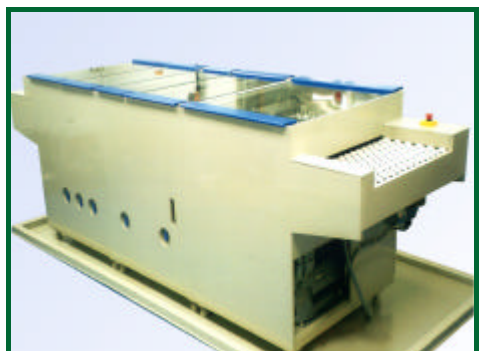


Close-up of alpha-numeric display

We have drawn on our long experience of building machinery for the PCB industry to produce a range of equipment possessing as many advanced features as possible. Apart from those listed and illustrated here, we are able to incorporate special items to the customer's specification – indeed we actively seek to establish partnerships which will also serve to drive forward our technical expertise.

New Features

- ⊙ Modules built from heavy duty beige poly-propylene.
- ⊙ Height adjustment by jacking feet with pallet truck access below modules.
- ⊙ Service tunnel routes cables and pipe-work neatly out of sight.
- ⊙ Low friction positive drive module to module coupling with single motor driving line lengths up to 5 metres.
- ⊙ Built-in pre-filter for dry film strip lines.
- ⊙ Thin material transport system on large diameter discs and rollers.
- ⊙ Proven helical gear conveyor drive.
- ⊙ Toughened 8mm glass lids lift from front and rear of machine with stays for easy access.
- ⊙ Alpha-numeric display screen for machine status and fault listing.
- ⊙ All exhaust ports to rear of modules
- ⊙ *Scirocco* advanced air-heads providing quiet and efficient drying.
- ⊙ One piece hinged manifolds provide excellent access and fixed jets positions.
- ⊙ Robust PTFE sheathed heaters.
- ⊙ Wrap around clear PVC inner covers.



Flush front with recessed controls