Glass Sealed Unit Production Machinery

Hot Melt Extruders

TGE Hot Melt Machines are part of a superior range of machinery manufactured by TGE (Thermoseal Glass Equipment). With 30-plus years’ experience in building machinery specifically for the production of insulated glass, you can be assured that all equipment is built to last.

This range of Hotmelt Extruders are designed to cater for all levels of sealed unit production. Machines can be ready to seal from as little as 45 minutes after startup. Hot Melt one part butyl sealant blocks are simply heated and the sealant is extruded when up to temperature. All TGE Hot Melt Extruders have the following features:

Programmable control panel
A control panel to set and monitor its settings, including:
• a programmable temperature and speed controller which constantly gives the visual status of the temperature and system condition.
• a pre-start programmable timer to ensure that the machine is always ready for production.
• an under and over-temperature warning system with visual and audio alarms to prevent misuse of the machine.

Superior heated hose
A large bore heated hose is a feature of all designs and is manufactured especially for the sealed unit market. It has several special design features to help it stand up to life in a busy glass shop.

• Heated gun with low pressure trigger.
• Constructed with cool-touch plastic for operator comfort.
• Robust metal coil protects the outside of the hose from everyday wear and tear.
• ‘Quick startup - Ready to seal in as little as 45 minutes’

Gun incorporates a swivel to prevent electrical cables being pulled out during normal operation.

Compressed air requirements:
0.5CU FT 50 P.S.I.

Internal construction of hose incorporates a twin braided metal tube.

For further information contact
Thermoseal Group Limited.
Sales Enquiries: 0121 331 3950 or sales@thermosealgroup.com
Technical Enquiries: 0121 331 3961 or merrickn@thermosealgroup.com

Pneumatic Clamping Table

The pneumatic clamping table is constructed in steel tubing and covered in multi-directional castors.

It holds the assembled unit solidly in place enabling fast accurate sealing without the need for a primary seal or acrylic tape to hold the spacer tube in place.

Available in 2m x 1.5m and 3m x 1.5m table sizes.

Operated by foot switch.

Compressed air requirements: 0.5CU FT 50 P.S.I.
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**MK3 Hot Melt**

- **Extrusion rate**: variable from 0-2kg/min
- **Hopper capacity**: of 20 litres
- **Requires** standard 13 amp power supply

The MK3 Hot Melt Extruder is a mid-size machine suitable for the production of approximately 190 average sized multi-cavity glass sealed units per day. The hopper has a sealant reservoir of 20 litres which can take all standard size hot melt blocks.

**MK4 Hot Melt**

- **Extrusion rate**: variable from 0-3.5kg/min
- **Hopper capacity**: of 62 litres
- **Requires** standard 13 amp power supply

The MK4 Hot Melt Extruder is one of TGE’s most popular machines, suitable for the production of approximately 350 average sized multi-cavity glass sealed units per day. The hopper has a sealant reservoir of 62 litres which can take all standard size hot melt blocks.

**MK6 Hot Melt**

- **Extrusion rate**: variable from 0-4.5kg/min
- **Hopper capacity**: of 70 litres
- **Requires** standard 20 amp single phase power supply

The MK6 Hot Melt Extruder is suitable for the production of approximately 500 average sized multi-cavity glass sealed units per day. The hopper has a sealant reservoir of 70 litres which can take all standard size hot melt blocks.

**MK7 Hot Melt**

- **Extrusion rate**: variable from 0-5kg/min
- **Hopper capacity**: of 150 litres
- **Requires** standard 25 amp single phase power supply

The MK7 Hot Melt Extruder is suitable for the production of approximately 120 average sized multi-cavity glass sealed units per hour. The hopper has a sealant reservoir of 150 litres which can take all standard size hot melt blocks.

‘TGE Machines are designed to cater for all levels of sealed unit production’

‘TGE machines heat from startup in about 45 minutes’

‘Simply heat one part butyl sealant blocks and extrude’

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