

PRESS RELEASE

Labtech's Special Purpose Chill Roll Line

Further endorsing **Labtech's** commitment to purpose built machinery, we are pleased to advise details of a laboratory chill roll line has been developed for a particular application.

The line was purpose-designed and built for a customer in America and is to be used for production under clean-room conditions of an embossed and laminated thick film for use in the electronic industry. It comprises a front 3-roll stack where the top roll is covered with silicone rubber and the centre steel roll is engraved with the embossing pattern. A second two roll stack is used for lamination. One of the main requirements for the customer was to have the centre roll easily exchangeable to enable the use of other embossing patterns. **Labtech** duly obliged with a unique system that allows the rolls to be changed over in less than an hour.

For this client, the complete chill roll attachment and combined laminator was coupled with a 45mm extruder with vented barrel and vector motor drive. A 550mm wide die was mounted on the extruder to feed the 3 roll stack, incorporating rolls of 600mm width and 200mm diameters. The secondary double-sided laminator was followed by a twin station wind up machine with automatic tensioning and pneumatic expansion shafts, allowing easy removal of the completed rolls.

Standard chill-roll options from **Labtech** range from the ultra micro cast film line of just 50mm die width, through various bench top and free-standing models, up to the heavier duty lines incorporating 500mm and 600mm dies. As illustrated above, a standard line can always be adapted, or a custom line specially designed for a particular application.

Millmerran Research and Manufacturing Ltd is the exclusive UK agent for the **Labtech** range of laboratory processing equipment. These machines are based on over 30 years experience and are built with a modern and pleasing design and a multitude of advanced features and safety standards in accordance with CE and other international norms, and every machine has the design, build quality and finish that have become recognised as the **Labtech** hallmark.

Millmerran

5, Heathfield Units
Battle Road
Heathfield Industrial Estate
Newton Abbot
TQ12 6RY

Tel: 01626 83 63 73

Email: info@millmerran.co.uk

www.millmerran.co.uk

PRESS RELEASE

Labtech's Special Chill Roll Line



Additional information from:

Robert Mann
Millmerran Research and Manufacturing Ltd
Unit 5, Battle Road
Heathfield Industrial Estate
Newton Abbot
TQ12 6RY

Tel: 01626 83 63 73

Email: info@millmerran.co.uk

www.millmerran.co.uk