Patterned Ice Cream Unit

A small ice cream manufacturer required a unit to enable various (flavoured) patterns on their product, this unit had to be versatile, easy to clean, and variable product friendly.





Crown designed the following bespoke unit which was uncomplicated, user friendly solution.

The unit consisted of a powered grip faced conveyor complete with guides

The ice cream tubs were presented narrow edge leading in rows of four. The pattern was achieved by two stripe heads. The heads had the ability to be rotary and enable a raising or lowering of the stripe heads to suit pattern requirements using various styli. The heads were on mobile frames to enable the heads to be docked with the conveyor as required, in order to future proof the unit it was designed so that extra heads could be added easily to enable pattern choice.

The unit was operated by photocells and pneumatics.







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