

ARI-MATIC INDEXING CONVEYOR — FEATURING VARI-FLIGHT INDEXING



Vari-Flight

Jenton-Ariana has developed a new flighted indexing belt, which has the ability to change the gap between flights whilst maintaining a constant indexing pitch.



Construction

The drive is incorporated into a constant mesh gearbox and, as such belt registration cannot be lost, this feature negates the need for memory back-up or sophisticated in-house service requirements.

Features and Use

Operator push-button control will change the gap between flights either when the conveyor is static or, if required, the adjustment can be made whilst running.

Because this gap change is infinite, accurate setting is easy and therefore products can be tightly nested to maintain true position.

The indexing pitch is pre-determined to suit customer requirements and will be maintained in true position to within $\pm 0, 5\text{mm}$ (or better) regardless of flight gap adjustment.

This allows customers to incorporate fixed work stations to handle products of any width variation, and present them accurately to these pre-set positions.

Because the flight gap is controlled electrically it is possible to program the flights to open at any point within the machine cycle. This may assist loading a difficult product into the flights, with the gap subsequently being closed during index and work period.