

Building Blocks

STELRON

Features

for Automation

Introducing:



• Robust, one-piece precision machined

- Heavy duty Stelron RD-3 Index Drive.
- Precision machined aluminum links.
- All potential wear components are hardened and ground for long service life.
- Standard Line Shafts provide for easy integration of synchronous ancillary equipment.
- Removable Top Plate for custom machining and mounting of ancillary equipment.
- Six inch pitch links.

Accuracy

"Over/Under or Carousel Precision Conveyor"

- ±.005 Standard Indexer version only
- ±.003 Indexer and Shot-pin Locking Beam accurcy at all "in-line" stations
- ±.0015 Walking Beam and Locking Beam Stelron Translator version

Features

RwB

RECIRCULATING WALKING

BEAM CHASSIS

- Synchronous speeds up to 100 cycles per minute with index periods as low as 90 degrees (or less) due to large diameter cams and low moving mass.
- Simple, time-proven mechanically synchronized transfer/locking mechanism uses the STELRON T-400A TRANSLATORS for the prime movers.
- Pallets can serve as nests. Product changeover is inexpensive and quickly accomplished, 15 minutes in most cases, just by changing the pallets.
- Modular design provides unparalleled flexibility in top plate lengths and widths as well as pallet size (4 to 8 inch standard) and thickness.
- Ample space between and outboard of the pallet tracks for additional tooling, etc.

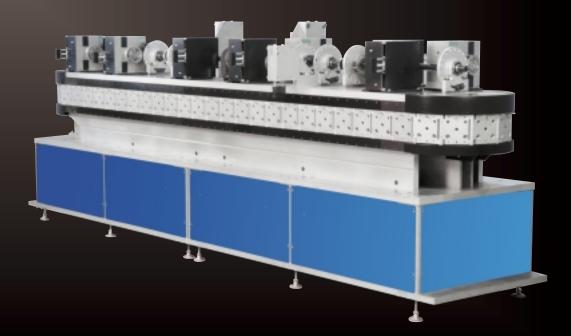
Accuracy

- Best in its class accuracy of ±.0015 inches at all stations (non-cumulative)
- Minimal station "drift" over time due to the locking beam design.



"High Speed Synchronous

Pallet Transfer"



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Quality you can depend on!