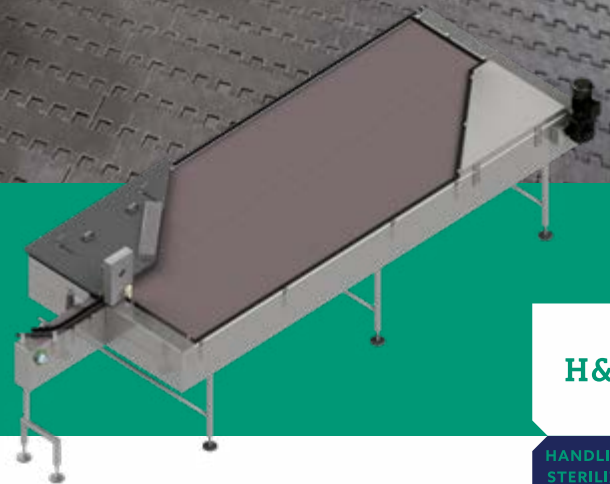




# BI-FLOW

Accumulation Tables



H&S  
HANDLING & STERILIZING

## > Ideal Buffering for Operations with Space Constraints

No matter the size of your production line, Shuttleworth's Bi-Flow accumulation system offers a smart, space-saving solution. Using opposing conveyor motion, Bi-Flow creates a low pressure buffer zone that keeps products flowing smoothly within a compact footprint.

Customizable to your operation, Shuttleworth Bi-Flow tables are available in various frame styles including stainless steel or painted steel, with clean line or open top designs. They offer flexible infeed and outfeed options to accommodate a wide range of applications and environments from dry industrial to FDA and Pharma grade designs.

Bi-Flow systems come in four standard widths: 600, 900, 1200, and 1500 mm. This makes it easy to scale the solution according to your line's throughput and space requirements. These sizes provide flexibility while ensuring fast and cost effective integration into your production environment.

### FEATURES AND BENEFITS

- **Maximize Throughput** – Buffers absorb line irregularities to maximize uptime for your manufacturing lines
- **Gentle Handling** – Less line pressure than traditional mass flow accumulation systems
- **Smart Design** – Minimal cost for maintenance and low cost of ownership ensures a quicker return on investment
- **Flexible Functionality** – On demand flow, lane division, and single file outfeed

Available in four standard sizes, the Bi-Flow Accumulation table can be configured in 600, 900, 1200, or 1500mm nominal widths depending on capacity and available footprint.

**STANDARD SPECIFICATIONS**

Length (mm)	3060 - 9800
Width (mm)	600, 900, 1200, 1500
Surface Elevation	600 - 1000mm
Electrical	480V 3PH 60hz
Air	60psi 5 CFM*
Rate	Up to 250 ppm

**CONSTRUCTION**

- **Frame:** 304 stainless-steel
- **Surface:** Plastic chain
- **Support:** Square tubing stainless-steel
- **Motor:** Inverter rated fixed speed multi-voltage motor (208-230/460v, 3-PH, 60Hz). Mounted
- **Guides:** Stainless with plastic insert

**APPLICATIONS**

- **Product Profile:** Rounds, Squares, & Rounded Squares
- **Product Material:** Plastic, Aluminum, Steel, & Glass
- **Infeed:** Single file, Multi-lane, & Mass flow
- **Discharge:** Single file outfeed

**OPTIONS**

- **Drive:** Powerflex 525
- **Controls:** Locally mounted VFD, complete panel with gate control
- **Discharge:** Outfeed product release gate

\*Air only required with on systems with product release gate



Bi-Flow 1200 pictured