

Moline Conveyor Systems



Custom built to provide efficient product transfer for your production needs.

Moline stainless steel conveyor systems are custom built to accommodate a wide variety of production requirements. Each conveyor is designed for a specific use whether it's make-up, sheeting, product transfer, scrap return, product spreading or cooling. The latest technology is used to provide an efficient, smooth and reliable system.

Conveyors can accommodate systems up to 60" wide. Size is determined by process requirements and

customer specification. Conveyor belt materials range from fabric, neoprene, plastic and urethane to wire mesh and wire rod. Belts are driven by variable speed drives and several types of rollers are used for smooth, continuous operation. Belt tracking is provided by an automatic belt tracker which is pneumatically actuated.

The versatile design of Moline conveyor systems provides efficiency and durability along with easy sanitation and low maintenance.



- **Conveyor systems to suit nearly any requirement.**
- **Moline's belt tracking systems provide continuous and reliable tracking.**
- **Standoff mounting for optimal sanitation.**
- **The latest in conveyor technology.**



Moline Machinery LLC

114 South Central Avenue • Duluth, Minnesota, USA, 55807
218-624-5734 (For after hours service, call 218-590-1987)
www.moline.com • sales@moline.com



Moline Conveyor Systems

Belt Tension/End Rollers

Belt tension is typically provided by the conveyor end roller. Several types are used including telescoping end rollers and pivot-style. Larger conveyors contain a conveyor drive unit which includes a vertical belt take-up system to easily manipulate long and wide belts.



Transfer Conveyor

Transfer/Spreading Conveyors

Moline transfer conveyors are constructed of stainless steel and built to transfer product between one piece of equipment and another. In some cases the urethane belting spreads the product to a wider format to accommodate the next piece of equipment or process in the production system. The belting is typically chain driven by a drive motor and gear reducer. A belt scraper and catch pan are provided to automatically clean the belt during operation. The efficient design is easily integrated with existing equipment and controlled through the production system's operator interface.



Spiral Cooling Conveyor

Cooling Conveyors

Moline cooling conveyors are built in a variety of styles including the spiral cooling conveyor shown at left. Constructed of stainless steel, the conveyors contain wire rod belting and incorporate automatic belt washing. The spiral cooling conveyor employs a low tension design for continual, reliable belt travel through a compact framework. Transfer-free design uses endless belting, eliminating the need for transfers between turns and straight runs and assuring uninterrupted product flow and air circulation. The touch screen control panel provides quick process control and speed regulation at the touch of a button.



Moline Conveyor Systems