

Part & Unit Handling

Chain Transfers are used to re-direct products 90° onto an adjacent conveying line. They are ideal for transporting loaded pallets or products with a sturdy conveying surface. Chain transfers can be built to your specific requirements with standard capacities up to 6,000 lbs. Minimum height requirements vary by application but start as low as 12” top of roller. Chain transfers are typically sold as an accessory feature to a CDLR conveyor but can also be sold with Gravity Conveyors, Chain Conveyors, or as stand-alone units. The transfer structure is typically an integral part of the base conveyor weldment. There are several ways to achieve the vertical actuation. Air bags are one common method and are deployed in sets of 4 to apply direct vertical force to the carriage. Pneumatic cylinders can be deployed in a variety of mechanical setups to indirectly achieve the vertical lift. Airbags require less elevation and cost less than mechanical lift mechanisms but allow product to “rock” during vertical travel. Mechanically raised carriages will cause smooth and even lift but come with the burden of a heavier price tag and higher elevation requirements. This product is one that Omni excels at providing in a customized fashion as customers continually strive to do more in less space.

Wire Mesh Belt Conveyors offer much more than a maintenance friendly self-tracking conveyor. It also offers a multitude of belting options to choose from based on your application. These belting options were developed for specific industries and in most circumstances, developed for particular applications. We work very closely with our belting suppliers to help in applying the right belt to your conveyor. When you combine these belting options to the array of conveyor configurations that we offer, namely curves, straights, inclines, declines, you have thousands of conveying solutions. Omni Metalcraft offers a full line of stainless-steel wire mesh belt conveyors that can be custom designed to meet your specific need.

Turn Tables are a valuable accessory for ergonomic work stations or for confined working areas. Omni turntables are used for palletizing, depalletizing, assembly and painting...the possibilities are endless!

Turntables can be powered or manually operated and have standard swing diameters up to 120 inches.

- Provide directional and product orientation change in your conveyor line
- Manual or Powered Turntables rotate to the desired angle required for your application
- One of the lowest heights in the industry
- Detent positioning stops
- Manual positioning stops