

Optical Lens Handling

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MODU System

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MODU System M Series conveyors are well suited to handling the standard lens trays used in the optical industry. At MODU System, we focus on the best methods to efficiently distribute your lenses around your factory. Designing a conveyor system which will ensure each machine, from generating, polishing, centering, marking and blocking are constantly supplied with product. We are experienced in distributing to the world's leading machines from companies like Automation & Robotics (A&R), Schneider GmbH, Satisloh and Nidek.

We design and install system for the small lens manufacturer up to Specsavers and Nikon Optical. To complete our systems we incorporate standard modules including Stop Gates, Lane Diverters, Side Tray Pushers, Tray Turners and Vertical Lifters.

Products Handled

Spectacle Lens, Camera Lens, Binocular Lens and all kind of different type lenses.

M5000 Series Vertical Lifters

A compact method of transferring product from either high to low or low to high levels. Excellent where space is restricted and you need to maintain access to machines. Product can be taken from a machine and lifted above walkways and other equipment so conveyors can feed product to different area of the factory. Also often used to transfer product through mezzanine floors.

- Compact 500mm square frame takes up minimum floor space.
- Transfer product through mezzanine floors or above walkways to maintain access to machines.
- Transfer heights up to 3.5 meters.
- Cycle times of 8 to 16 seconds depending on the lift length.
- Lockable door with guard switch.
- Small PLC controller or a complete factory control system.
- Easy integration into machines or conveyors.



Mezzanine Floor Lifter

Reduce Line Lengths

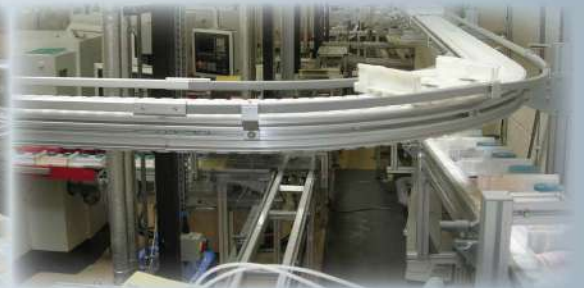


For maximum tray stability and tight 90° turns, MODU offer a dual-strand version of M series conveyor. It's compact design conveyor and transfer devices allow trays to be diverted or recombined over a very short distance. RFID readers, bladder stops, pneumatic pushers and other devices can be easily added to the system.

Ceiling Hung Conveyors



By supporting conveyor from the ceiling, trays can be routed long distances without creating aisle access restrictions. Utilizing vertical space conserves valuable factory floor space.



Complete Distribution System

MODU System Conveyor at Work



Side Push Unit



Friction Chain Decline up to 25°



Tray Distribution



Feed onto Mezzanine Floor



Friction Chain Incline



Machine Infeed

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