

Paper Converting

modu
MODU System

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ISO 9001:2008 Certified



Paper converting can be described as a process by which raw paper is transformed into a finished paper product like facial tissue, toilet paper, and kitchen towels. MODU System can supply all the necessary equipment needed in the Paper Converting Process which includes lanners, diverters, package turners, grippers, multi-flow, and spiral conveyors.

Products Handled

Kitchen Towel, Tissue Rolls, Wrapped Bundles, Wrapped Bags and etc.

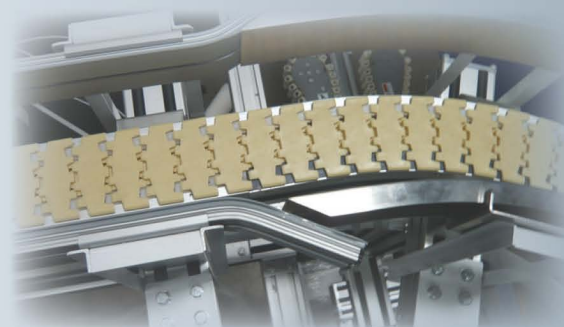
OUR SPECIALTY

1. POM-Kevlar for Chain

MODU System has introduced a new chain that infuses POM-Kevlar into our chain. This technology addresses many of the problems that arise in the paper converting industry like noise levels, dust, vibration, and chain longevity. Conveyor is able to operate at maximum speed of 120m/min with low wear and tear on wear strip.

General features of MODU Kevlar chain are:

- High tensile strength
- Low weight
- Low elongation to break high modulus (structural rigidity)
- Low electrical conductivity
- High chemical resistance
- Low thermal shrinkage
- Excellent dimensional stability
- High cut resistance
- Flame resistant and self-extinguishing.



2. Automated side guide adjustment

Automated side guide adjustment can be configured with up to five different setting to accommodate different product sizes. The automated adjustment process usually takes less than a minute, and manual adjustment can also be done without affecting the auto configured settings. The Automated side guide system is applicable to the straight and bend sections.



Automated side guide installed at straight section



Automated side guide installed at bend section

3. Gripper Elevator / Lowerator



A Gripper Conveyor has many uses; it can be used to elevate products, lower products, or buffer products. It consists of 2 parallel sets of conveyor sections that are joined together on an adjustable mechanism which allows the unit to accommodate different size products. The Gripper unit can be configured to allow the product to be transferred at the same or different input/output transfer heights. The unit gently grips the product to be transferred and guides it to the next process.

Gripper elevator / lowerator advantages:

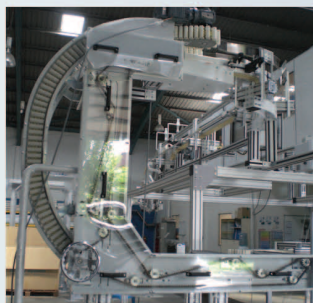
- Saves floor space and conveyor length
- Maximize space utilization by creating buffering at ceiling levels.
- Easy integrates with other application such as blowers, fillers, and packaging lines
- Flexible and lightweight - easy to install and accommodate site layouts.
- High capacity vertical transport

4. Nylatron wear strip for bend area

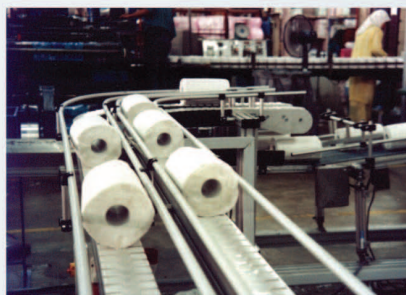
The Nylatron wear strip is a Self-lubricating material which has a low coefficient of friction that yields a superior wear resistant surface with outstanding Pressure-Velocity capabilities (up to 5 times higher than conventional cast nylons).



Paper converting line with diverter



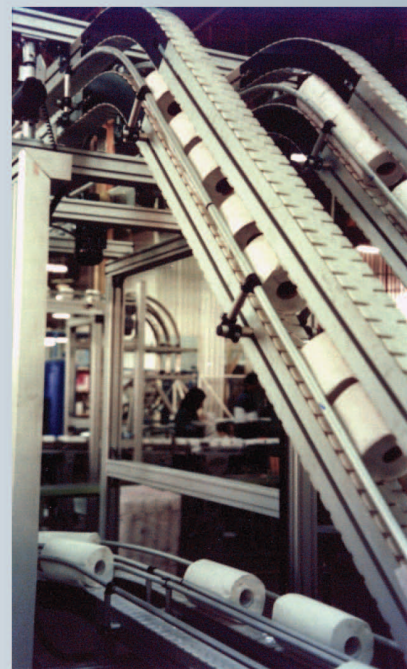
Paper converting line



Vertical diverter for kitchen towel



Tissue paper decline system



Tissue paper incline system

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