

PAPER CONVERTING



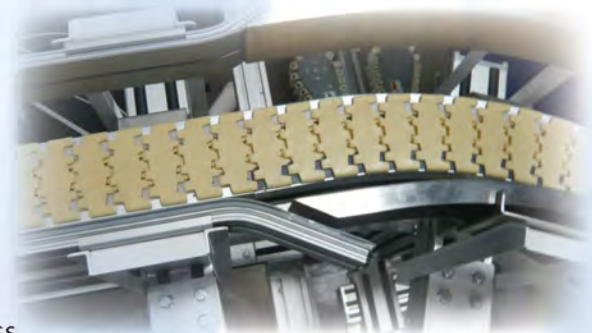
Paper converting can be described as a process by which paper is used to fabricate another paper product. For example, paper conversion can be used to produce such products as facial tissues, toilet rolls, and kitchen towel. MODU automation includes laner, diverter, package turner, gripper, multifold and spiral conveyor.

OUR SPECIALTY

1. POM-Kevlar for Chains

In order to keep competing in the paper converting industry, MODU has introduced a new technology in table top chains, which is using POM-Kevlar as material in chain. Using Kevlar material in chain has help to overcome immersing problems like high wear and tear on chain and wear strip, dust, noise and vibration.

General features of Kevlar are high tensile strength at low weight, low elongation to break high modulus (structural rigidity), low electrical conductivity, high chemical resistance, low thermal shrinkage, high toughness (work-to-break), excellent dimensional stability, high cut resistance, flame resistant and self-extinguishing



2. Automated side guide adjustment

Automated side guide adjustment can be pre-set or configure with five different types of setting according to manufacturing requirements. Adjustment process usually takes less than a minute. Furthermore, manual adjustment can also be done without affecting to auto configured settings. This system as applicable to straight and bend sections.



Automated side guide installed at straight section



Automated side guide installed at bend section

3. Gripper Elevator / Lowerator



Gripper elevator is a set of machine consists of 2 set of conveyors installed side by side within one support structure to conveyor product to a different or same output height with a minimum space consumption. It grip the product firmly but gentle enough thru its course before discharging the product to another conveyor assembly.

Gripper elevator / lowerator advantages:

- Saving floor space, transportation length and require less transfer.
- Maximize space utilization by creating cooling buffer at ceiling level.
- Integrateable with other application such as blower and ink printing device.
- Flexible to install and match with site arrangement layout.

MODU grippers are capable to convey products up to 120m/min.

4. Nylatron wear strip for bend area

Self-lubricate material, excellent frictional properties, superior wear resistance and outstanding Pressure-Velocity capabilities (up to 5 times higher than conventional cast nylons).



Paper converting line with diverter



Paper converting line



Vertical diverter & conveyor system for kitchen towel



Tissue paper decline system



Tissue paper incline system

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