



# CONFIGURATION

HORIZONTAL CONVEYOR



INCLINED CONVEYOR



SWAN-NECK CONVEYOR



CURVED CONVEYOR



SPIRAL CONVEYOR





# ADVANTAGES

## A FLEXIBLE AND ECONOMICAL CONVEYING SOLUTION

- Unlimited width
- Wide operating temperatures, allowing fast freezing as well as cooling
- Smooth or open surface types (depending on series)
- Quick and easy repairs without specialist tools
- Lower stock requirements due to modular construction
- Resistance to impact, cuts, friction and chemicals (dependent on material)
- Variety of module pitch available
  - Mechanical resistance
  - Reduction of transfer gaps for small products
  - Polygon effect limited (dependent on series)
- Low and stable friction coefficient on support bed. In product contact, see "LF" type.
- FDA compliance for all conveyor belt types.

## POSITIVELY SPROCKET DRIVEN (MOULDED OR MACHINED)

- No conveyor belt pretension, except for specific applications.
- Simplified conveyor design
- Stable speed
- Fixed center-to-center distances applicable

## MANY CONFIGURATIONS POSSIBLE

- Horizontal, curved, inclined/declined, spiral and different swan neck styles
- The option to combine configurations:
  - Elimination of transfer issues
  - A single drive motor
  - A single belt

## OPTIONS TO ADD ACCESSORIES (MOULDED OR MACHINED)

- Profiles, side guards, rubber-top modules, wheels, pop-up flights
- Dependent upon the series, fastener attached accessories can be possible



# CHARACTERISTICS

## STANDARD MATERIALS


	Characteristics	Certification	Temperature range	
Polypropylene (PP)	Standard material for most conveying applications. Excellent chemical resistance.	FDA	+5°C to +80°C	
Polyethylene (PE)	For low temperature applications, good resistance to impact. Excellent chemical resistance. Not recommended for abrasive applications.	FDA	-70°C to +60°C	
Acetal (AC)	Low friction coefficient, high traction force for heavy load applications. Low chemical resistance.	FDA	Dry conditions -38°C to +90°C	Wet conditions -35°C to +60°C

## SPECIAL MATERIALS









	Characteristics	Certification	Temperature range	
Polyamide 6 (PA6)	High traction force for heavy loads and abrasive applications. Do not use in humid conditions.	FDA	Dry conditions -35°C to +120°C	Wet conditions Do not use
Polyamide 6.6 (PA6.6)	High traction force for heavy loads and abrasive applications. Do not use in humid conditions.	FDA	Dry conditions -35°C to +120°C	Wet conditions Do not use
Antistatic acetal (AC-AS)	Dramatically reduces the electrostatic charge Low friction coefficient, high traction force for heavy loads applications. Low chemical resistance.	-	Dry conditions -38°C to +80°C	Wet conditions Do not use
Detectable acetal (AC-DB)	For X-ray applications, metal detectors.	-	Dry conditions: -35°C to +90°C	
Detectable polypropylene (PP-DB)	For X-ray applications, metal detectors.	FDA	+5°C to +108°C	
High temperature polypropylene (PPH)	High chemical and thermal resistance.	FDA	+5°C to +108°C	
Acetal (AC LF)	Very low friction coefficient, high traction force for heavy loads applications. Low chemical resistance.	FDA	-35°C to +90°C	

## Shades

White	Brown	Grey	Black	Blue	Red	Yellow	Ivory

Industries					
		MD127	HP254	HP508	EC254
Food	Meat and poultry	●			●
	Fish	●			●
	Fruit and vegetables	●	●		●
	Canning industry	●	●	●	
	Milk based product	●			●
	Confectionary	●			●
	Bakery	●			●
	Beverage	●	●	●	
Wood	Saw mills		●	●	
	Particle board		●	●	
	Furniture		●	●	
Paper and printing	Cardboard	●	●	●	
	Paper	●	●	●	
	Tissue	●	●	●	
	Printing	●	●	●	
Chemical	Cosmetics, Pharmaceutical	●	●		
Plastic	Injection moulding	●	●		
Rubber	Tyre		●	●	
Construction industry	Glass		●	●	
	Marble and ceramics			●	
	Tiles, bricks			●	
	Insulation		●	●	
Automotive	People movers			●	
	Water resistance booth			●	
Logistics	General handling	●	●	●	●
	Postal sorting	●	●		
	Sorting office		●	●	
	Distribution centre		●		
	Airport		●	●	
	Packaging	●	●		
	Recycling centre	●	●		
	Electronics	●	●		
	Laundry	●	●		

# INDUSTRIAL APPLICATION

							
EC381	EC508	Curve	MD820-821	MD880-879 MD880-879 HDP	Flexi Chain	MD1701R -TABR	MD600S - TABS
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