



MAIN FEATURES

- Capacity: up to 1500 t/h
- Belt width: 500 - 2000 mm
- Heavy duty frames
- Pulleys in carbon steel mounted on split plummer blocks designed to avoid belt misalignment
- Drive pulley with herringbone grooved rubber lagging to prevent belt slippage
- Drive unit complete with low voltage electric motor, totally enclosed fan-cooled; gear reducer, hollow low speed shaft with backstop device where needed; fluid coupling for power over 11 kW
- Discharging chute and casing complete with inspection door and flange for dedusting; feed chute and skirtboards, equipped with terminal rubber blade
- Take-up screw type; for long conveyors: Vertical or Horizontal gravity take-up
- Carrying idlers with three equal rollers on troughing set, forward tilt angle of 2°
- Return stations with single roller or double rollers for wider conveyors
- Impact idlers at loading points with rubber rings rollers
- Rollers are self-lubricated for life; sealing by lip ring seal and triple labyrinth seal
- Belt consists of EP (polyester-polyamide construction) synthetic fabric plies with a rubber interface. The carcass is protected by superior quality anti-abrasive rubber cover
- Primary belt cleaner with blade of multiple scraper and V- plough scraper
- Lateral protection grids along the access sides
- Local push button station for start/stop operations
- Complete automation system for conveyors lines

MEC HANDLING Srl

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SAFETY DEVICES

- Emergency switches complete of steel cord springs and fittings, installed on the accessible sides of conveyors and actuated by a wire rope
- Speed switch on the idle pulley, with variable setting point
- Belt misalignment switches, installed near the discharge head on both sides of the belt
- Warning horn and lamp to signal the start/stop operations
- Chute plug detector



OPTIONS

- Feeding chute, discharge chute and skirt board with anti-abrasive steel lining or stainless steel
- Secondary belt cleaner, tangential type
- Different belt types available: ST (steel cord construction) for long conveyors, heat resistant type, oil resistant type, auto-extinguishing type, chevron type belt
- Covers over the conveyor to protect the conveyed material from the atmosphere

APPLICATIONS

- Reversible conveyors
- Shuttle conveyor with travelling units
- Tripper
- Belt feeders

ADVANTAGES

- Heavy duty frames
- Easy cleaning and maintenance
- Customized versions
- Particular attention to Safety