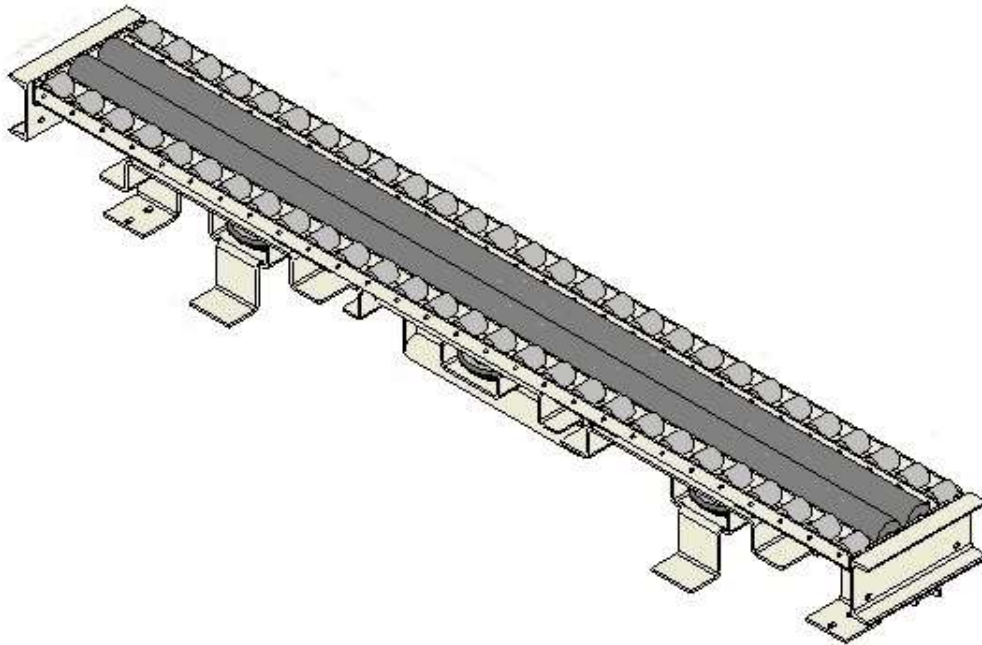


ACS ADVANTAGE: *INNOVATIVE ALTERNATIVES*

INTERMESHING ROLL TRANSFER



DESCRIPTION

- The ACS Intermeshing Roll Transfer (IRT) is used to move a load on or off the side of a conveyor. It can consist of multiple non-powered pneumatically raised panels interspersed between standard load-carrying rollers as a stand-alone conveyor section or, panel(s) as pictured above that can be used as outriggers for the ACS Standard Chain Transfer when additional space must be filled.
- Available in a Standard Version with 1.9" (4.83 cm) galvanized non-powered rolls in the transfer panels or in a Light Duty Version with 1.75" (4.45 cm) diameter UHMW rolls in the transfer panels.
- The pneumatically controlled transfer roller panels are normally below the surface of the load-carrying rollers. When activated, they raise and the load is transferred on or off the panels to an adjacent conveyor or device.
- Intermeshing Roll Transfers can be configured to operate manually from a footswitch or operator control console (MIRT) or integrated into an automatic conveyor system.

FEATURES

- Modular design makes this a versatile device for filling gaps at intersections. Applications from 1'0" (30.5 cm) (single panel) and larger using multiple panels.
- Easy to service with ready access to both the load-carrying rollers and the non-powered Standard or Light Duty transfer rollers.
- Load-carrying rollers can be driven from preceding conveyor or an installed end drive assembly.
- Factory installed pneumatic system includes 8.25" (21 cm) air spring actuators (air bags), and/or smaller 3.5" (8.9 cm) actuators (depending on application requirements), both with adjustable air flow valves to control descent speed of load.
- Made with precision CNC cut and punched components.

INTERMESHING ROLL TRANSFER



STANDARD DUTY
with
1.9" (4.83 CM) GALVANIZED
TRANSFER ROLLS



LIGHT DUTY
with
1.75" (4.45 CM) UHMW
TRANSFER ROLLS

SPECIFICATIONS

Conveyor Width (Between Frame:	60" (1.52 m), 72" (1.83 m), 84" 2.13 m), 96" (2.44 m), 108" (2.74 m)
Intermeshing Roll Transfer Lengths:	1'-0" (30.48 cm) and larger as needed.
Minimum Height:	12" (30.48) Top-Of-Roller. When actuated, the panels raise 3/4" (19.05 mm) above the load-carrying rollers.
Capacity:	Standard Version - 3,000 lbs. (1361 kg). Light-duty Version – Each panel is rated for 500 lbs. (226.8 kg)
Minimum Air Requirements:	60 PSI (4.14 BAR) Clean, dry plant air at the drops.
Product Construction:	
Rollers:	
Load-Carrying Rollers:	2- 1/2" (64 mm) Diameter x 11 gauge high-strength, corrosion-resistant galvanized steel tubing with "Lube-for-Life" Bearings placed on 3" (76 mm) centers.
Standard Duty Transfer Rollers:	1.9" (4.83 cm) diameter x 11 gauge high-strength, corrosion-resistant galvanized steel with "Lube-for-Life" Bearings.
Light Duty Transfer Rollers:	1.75" (4.45 cm) Diameter (plastic) UHMW.
Side Frames:	Rugged 5" (128mm) Steel structural channel conveyor side frames.
Panel Frame:	Panel frame is precision CNC cut and formed 3/16" (4.8 mm) sheet metal.
Control Options:	
Manual (MIRT):	Pushbutton or Footswitch operator-actuated.
Automatic:	Electromechanical sensors (i.e. Photo Eyes) may automatically actuate the conveyor to position and transfer the load. Pushbutton and reversing controls are available.