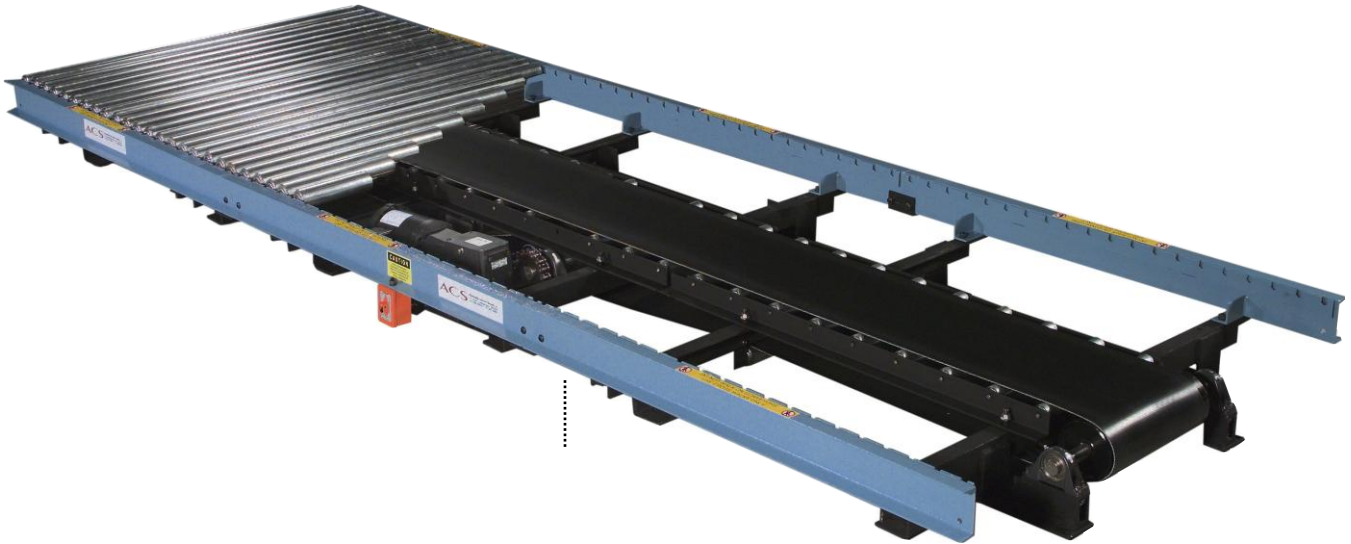


ACS ADVANTAGE: CONVEYOR

RELIABLE EQUIPMENT



DESCRIPTION

- Conveyors can be configured as non-powered, powered, or powered accumulating. Rollers are driven by a 15" (381 mm) wide solid woven polyester belt with a PVC coating on both sides, riding on a center-mounted roller conveyor frame.
- Photocell-controlled, air-activated drive belt tension racks can be configured to accumulate or index loads. Accumulation control permits high density storage with a wide range of load sizes. Index control creates zero-pressure accumulation.
- Conveyors can be operated manually or integrated into an automatic conveyor system.

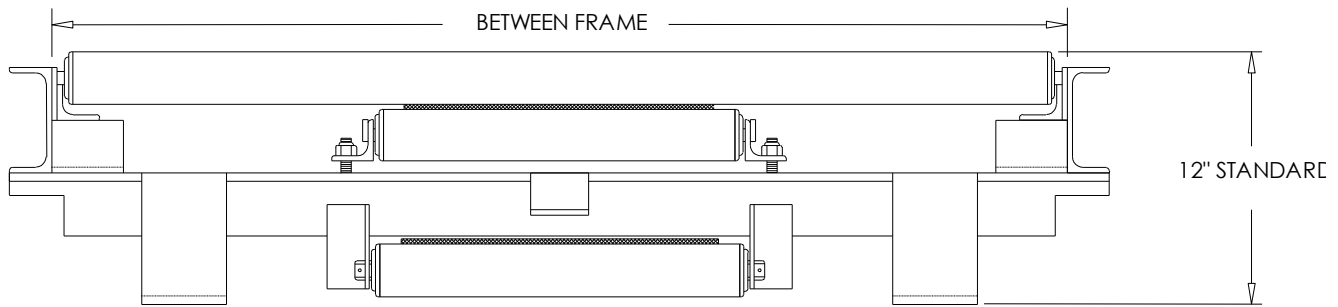
FEATURES

- 2 ½" (64 mm) diameter lift-out galvanized rollers on 3" (76mm) centers.
- Trued rollers ensure smooth load movement and minimize drive loading.
- End drive design for single direction applications and center drive design for dual direction applications.
- Belt tensioning is integrated into drive assembly. Fixed tail pulleys provide reliable belt tracking and consistent drive of end rollers,
- Pre-wired drive motors and safety lockouts.
- Made with precision CNC cut and punched components.

ACS
Automated Conveyor Systems, Inc.

CONVEYOR

CONVEYOR DESIGN



SPECIFICATIONS

Compatible Conveyors:	Powered Conveyors are compatible with most center-belt driven or side-belt driven conveyors.
Types:	Roller Conveyor (RC), Powered Live Roller Conveyor (PLR), and Powered Live Roller Accumulating Conveyor (PLRA)
Between Frame Bed Widths:	48", 60", 72", 84" and 96" (1.2 m, 1.5m, 1.8m, 2.1m and 2.4m)
Lengths:	5' 0" (1.5m) Standard with other lengths supplied for special purposes.
Top of Roller Elevation:	12" Standard (305 mm) Other elevations as needed.
Conveyor Speeds:	40, or 60 FPM (12, or 18 MPM)
Minimum Air Requirements:	60 PSI Clean, Dry Plant Air At The Drops
Load Ratings:	
Structural Load:	1,240 lb (562 kg) Structural Strength per roll *For 3" (76mm) Centers
Conveyance (moving) Load:	Capacity per drive length: 1HP @ 40FPM (12MPM) or 1.5HP @ 60FPM (18 MPM) Is 33,000 lb (14,982 kg)
Product Construction:	Rolls are 2½" (64 mm) Diameter x 11 gauge welded galvanized tubing with 11/16" (18 mm) hex tubing shafts placed on 3" (76 mm) centers. Other roll centers are available. Powered Conveyor side frames are 5" (128 mm) structural channel with welded-on flat bar for placement of the drop in rollers. Roller Conveyor side frames are available in 3" or 5" (76 mm or 128 mm) structural channel with flat bar welded-on for placement of the drop-in rollers.
Drive Components:	"C" Face mounted motor and a single right-angle worm-type reducer mounted on a slide base transmitting power through single 80# roller chain and sprockets. 24-Volt Controller available at no additional cost.
Rollers:	2½" (64 mm) diameter x 11 gauge high-strength, corrosion-resistant steel tubing manufactured by Allied Tubing & Conduit placed on 3" (76 mm) centers.