

ACS ADVANTAGE: DRAG CHAIN CONVEYOR

HEAVY-DUTY UTILITY



DESCRIPTION

- Drag Chain Conveyors are designed to convey empty pallets or loads using electrically powered heavy-duty, load-carrying roller chains.
- Multi-Strand Drag Chain Conveyor sections are engineered to carry up to 1,800 lb. (816 kg) unit loads across four chains. Dual Strand Drag Chain Conveyor: 900 lbs. (408 kg) across two chains.
- There are two configurations of ACS Drag Chain Conveyor, Dual Strand and Multi Strand, typically used in combination to support ACS Pallet Handlers and as pallet dispensing / pickup point preceding a Load Palletizing Device.
- Applications may also include storage lines and transport lines.
- Drag Chain Conveyor can be used with existing or new ACS conveyors and all competitors' conveyors.

FEATURES

- Custom design characteristics and number of stranded chains required can be engineered to suit specific application.
- Load carrying chains ride on UHMW guides cradled in steel guides, therefore eliminating chain derailment and exposed sprocket/chain pinch points.
- Individually adjustable chain guides are provided to optimize service life.
- Power train is contained inside the conveyor frame to help avoid the possibility of accidental damage or personal injury.
- Motor disconnect switches are pre-wired for easy installation.
- Can be installed for automated and/or manual operation.

DRAG CHAIN CONVEYOR



SPECIFICATIONS

Conveyor Widths:	Various conveyor widths available depending upon specific application. Call factory.
Conveyor Lengths:	From 5' 0" (1.5 M) to 20'-0" (6 M) long depending on specific application.
Minimum Height:	12" (30.48 cm) Top Of Chain Standard with other conveyor heights available depending o specific application.
Capacity:	Dual Strand: Up to 1,800 lbs. (816 kg) per unit across four chains. Single Strand: 900 lbs. (408 kg) across two chains.
Chain Speeds:	40 or 60 FPM (12.19 or 18.29 MPM) Standard with other chain speeds available to suit application. Call factory.
Motor/Reducer:	1, 3 or 5 HP, Motor 230V/460V/3PH/60Hz, gear motor directly coupled to the drive shaft (575Volt/3Phase/60Hz for Canadian applications).
Construction:	
Side Frame:	Rugged Steel Side Frames
Support Frame:	Chain frame is precision CNC cut and formed from 1/4" (6.35 mm) sheet metal
Chain Drive:	Electrically driven #50 load-carrying chains.
Control Options:	
Manual:	Pushbutton or footswitch operator-actuation.
Automatic:	Electro-mechanical (e.g. photo-eyes) may automatically actuate the conveyor. Pushbutton and reversing controls available.