

DC-63

Drag Chain Conveyor

The model DC-63 is a three strand drag chain conveyor designed to handle pallets.

- 11 Widths
- Modular Assembly
- Adjustable DC3S and DCDS-Type Floor Supports Available

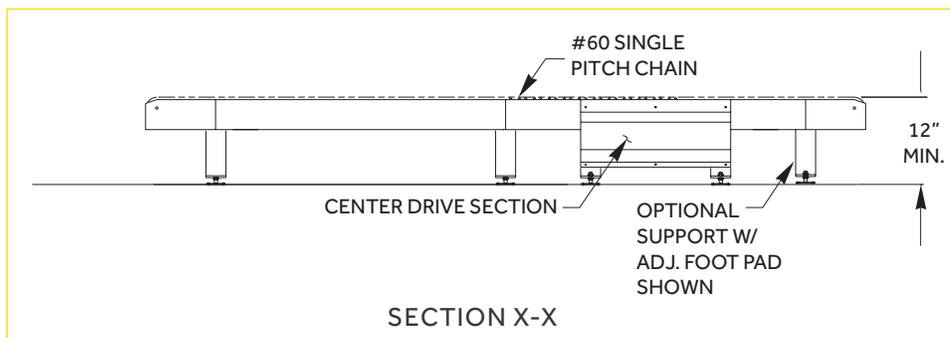
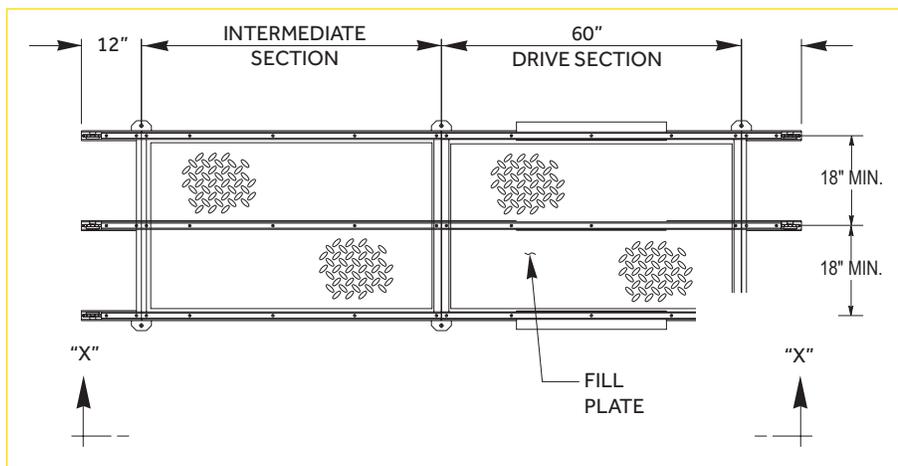


HOW IT WORKS

The conveyor is made up of drive, intermediate, and tail sections on which three strands of #60 single-pitch chain travel. Each strand is a continuous loop and driven by a common drive shaft.

| Size to Order Overall Length "A" | Frame Width | Strand Centers | | | | | | | | | | |
|----------------------------------|-------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | 37 7/8" | 43 7/8" | 49 7/8" | 55 7/8" | 61 7/8" | 67 7/8" | 73 7/8" | 79 7/8" | 85 7/8" | 91 7/8" | 99 7/8" |
| 7' | 650 | 675 | 699 | 724 | 748 | 775 | 801 | 826 | 850 | 871 | 900 | |
| Per Foot Weight | 55 | 58 | 61 | 64 | 67 | 70 | 73 | 76 | 79 | 82 | 85 | |

All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.





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Standard Specifications

CHAIN – #60 single pitch conveyor chain (straight sidebar).

CHAIN GUIDE – UHMW polyethylene.

FRAME – 6 in. x 7 ga. powder-painted formed steel angle with 1 1/2 in. x 3/16 wall, chain support tube. 4 ga. formed coupling channels located at infeed and discharge ends of each module.

MOTOR – 1 1/2 HP, 208/230/460/575V, 3 Ph. 60 Hz. gearmotor, located underneath in 5 ft. long module.

DRIVE SPROCKET – Hardened #60 with 1 3/8 in. dia. steel shaft.

BEARINGS – Sealed, pre-lubricated, self-aligning ball bearings on drive.

CONVEYING SPEED – 35 FPM.

CAPACITY – 5800 lbs. maximum at 35 FPM (1 1/2 HP maximum). NOT TO EXCEED CAPACITY IN CHART.

FLOOR SUPPORTS – Supplied as optional equipment.

Note: Product footprint may affect drive capacity.

| Load Capacity Chart (Live) @ 30 FPM | | |
|-------------------------------------|-----------|------------|
| Total Load (lbs.) | | |
| HP | Up to 50' | Up to 102' |
| 1 1/2 | 5800 | 5500 |

MAXIMUM UNIT LOAD-3000 lbs.



Optional Equipment

FLOOR SUPPORTS – DCS and DCDS Type floor supports are available with a wide range of adjustment. Specify top of chain elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor.

MOTOR – 1 1/2 HP maximum.

CLOSED TAIL – Overall length will be affected.

CONVEYING SPEED – Speeds other than 35 FPM will require gear box change (contact factory).