

# DC-83

## Drag Chain Conveyor

The Model DC-83 is a three strand drag chain conveyor designed to handle pallets.

- 10 Widths
- Modular Assembly
- Adjustable DC3S and DCDS-Type Floor Supports available

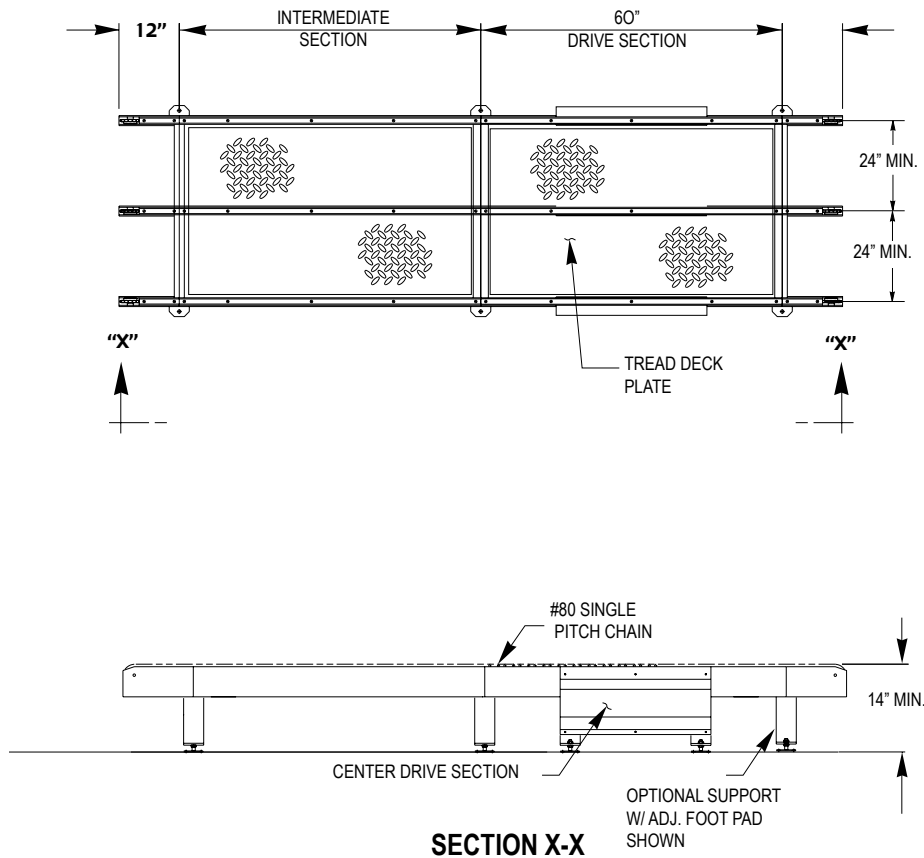


## HOW IT WORKS

The conveyor is made up of drive, intermediate and tail sections on which three strands of #80 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	50 1/2"	56 1/2"	62 1/2"	68 1/2"	74 1/2"	80 1/2"	86 1/2"	92 1/2"	98 1/2"	104 1/2"
	STRAND CENTERS	24"	27"	30"	33"	36"	39"	42"	45"	48"	51"
7' Per Foot Weight		874	905	936	967	998	1029	1060	1091	1122	1153
		77	80	83	86	89	92	95	98	101	104

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



## • STANDARD SPECIFICATIONS

**CHAIN** – #80 single pitch conveyor chain (straight sidebar).

**CHAIN GUIDE** – UHMW polyethylene.

**FRAME** – 6 in. x 4 ga. powder painted formed steel angle with 2 in. x ¼ in. thick wall, chain support tube. 4 ga. formed coupling channels located at infeed and discharge ends of each module.

**MOTOR** – 2 HP – 208/230/460/575V – 3 PH. 60 HZ. gearmotor, located underneath in 5 ft. long module.

**DRIVE SPROCKETS** – Hardened #80 with 1 ½ in. dia. steel shaft.

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

**CONVEYING SPEED** – 30 FPM.

**CAPACITY** – 6000 lbs. maximum at 30 FPM (2 HP maximum). NOT TO EXCEED CAPACITY IN CHART.

**FLOOR SUPPORTS** – Now supplied as optional equipment.

**NOTE:** Product footprint may affect drive capacity.

LOAD CAPACITY CHART (Live)* @ 30 FPM		
HP	TOTAL LOAD (Lbs.)	
	UP TO 50'	UP TO 102'
2	6000	5500

**MAXIMUM UNIT LOAD** – 4000 lbs.



## • OPTIONAL EQUIPMENT

**FLOOR SUPPORTS** – DC3S 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.

**MOTORS** – 3 HP maximum. Contact factory.

**CLOSED TAIL** – Overall length will be affected.

**CONVEYING SPEED** – Speeds other than 30 FPM will require gear box change (contact factory).