

# HYTROL CONVEYOR COMPANY, INC.

## Model **DC-60** Drag Chain Conveyor



The Model DC-60 is a two strand drag chain conveyor designed to handle pallets.

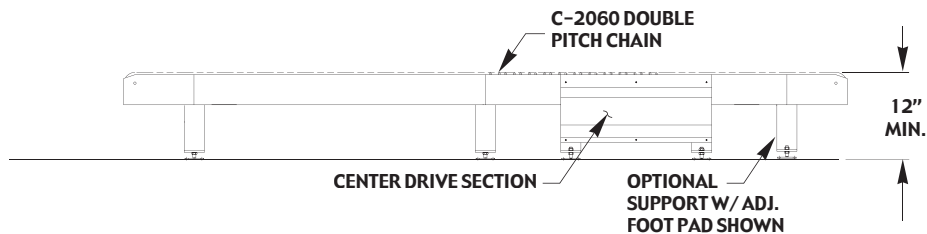
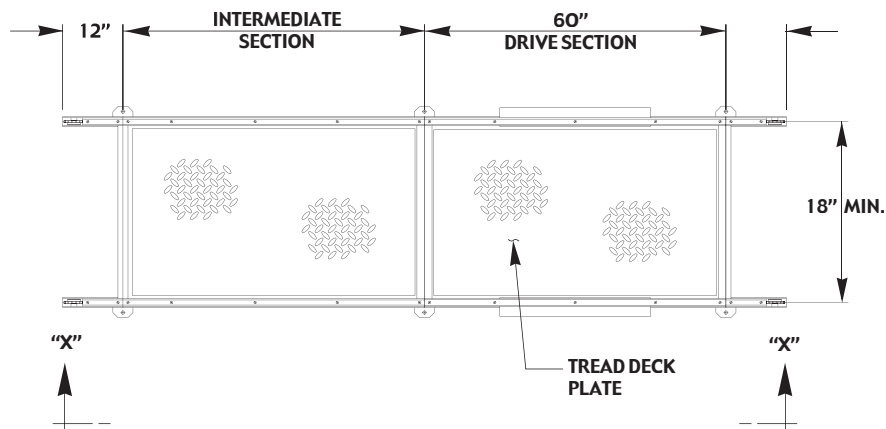
- 11 Widths
- Modular Assembly
- Adjustable DCS and DCDS-Type Floor Supports Available

### HOW IT WORKS

The conveyor is made up of drive, intermediate and tail sections on which two strands of 2060 double-pitch chain travel. Each strand is a continuous loop and driven by a common drive shaft.

SIZE TO ORDER OVERALL LENGTH "A"	FRAME WIDTH	19-7/8"	22-7/8"	25-7/8"	28-7/8"	31-7/8"	34-7/8"	37-7/8"	40-7/8"	43-7/8"	46-7/8"	49-7/8"
	STRAND CENTERS	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"
7' Per Foot Weight		433	450	466	483	499	517	534	551	567	581	600
		37	39	41	43	45	47	49	51	53	55	57

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



**SECTION X-X**

**MISCELLANEOUS**



# • Standard Specifications

Model **DC-60**

**CHAIN** - C-2060H double 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 SPROCKETS** - Hardened 2060BTB 15H with 1-3/8 in. dia. steel shaft.

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

**CONVEYING SPEED** -30 FPM.

**CAPACITY**-5100 lbs. maximum at 30 FPM (1-1/2 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'
1-1/2	5100	5000

**MAXIMUM UNIT LOAD**-3000 lbs.



Conveyor shown with optional 60F single pitch chain.

# • 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.

**CHAIN**-60F single pitch conveyor chain (straight sidebar) recommended over 30 FPM.

**MOTORS**-1-1/2 HP maximum.

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

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

