

DC60

DRAG CHAIN CONVEYOR

The DC60 drag chain conveyor is designed to convey pallets from point A to B. Each strand of chain is a continuous loop driven by a common drive shaft.



- 2 strand or 3 strand
- Multiple strand centers available
- Modular design
- Center drive with take-up

CONVEYOR WEIGHTS (LBS.)											
2 STRAND MODEL DC60-2	FRAME WIDTH (IN.)										
	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 (IN.)										
	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"
Base Length - 7 ft.	390	405	420	435	450	464	479	494	507	523	536
Per foot	42	47	51	56	61	65	70	74	79	84	88

CONVEYOR WEIGHTS (LBS.)											
3 STRAND MODEL DC60-3	FRAME WIDTH (IN.)										
	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"
	STRAND CENTERS (IN.)										
	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"
Base Length - 7 ft.	566	595	625	654	684	713	743	772	802	832	861
Per foot	74	83	93	102	111	120	130	139	148	157	167

STANDARD SPECIFICATIONS

FRAME – 6 in. deep x 7 ga. formed angle w/ 1 1/2 in. x 3/16 in. square support tube. Coupling channels located at infeed and discharge ends of each module. Powder coated.

CHAIN – No. 60 single pitch conveyor chain (straight sidebar)

- 2 strands (Model DC60-2): See chart for available strand centers
- 3 strands (Model DC60-3): See chart for available strand centers

CHAIN GUIDE – UHMW polyethylene

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

CONVEYING SPEED – Constant 35 FPM

GEAR MOTOR – 1 1/2 HP – 230/460 – 3 phase – 60 Hz, located underneath in 5 ft. long module.

DRIVE SPROCKETS – Hardened 60B15 sprockets with 1 3/8 in. dia. steel shaft

MAXIMUM UNIT LOAD: 3000 lbs. Not to exceed drive capacity in chart.

OPTIONAL EQUIPMENT

FLOOR SUPPORTS – Available in wide range of adjustments. Specify top of chain elevation. One support is required at every bed joint and at ends of conveyor. Holes in feet are provided for lagging to floor.

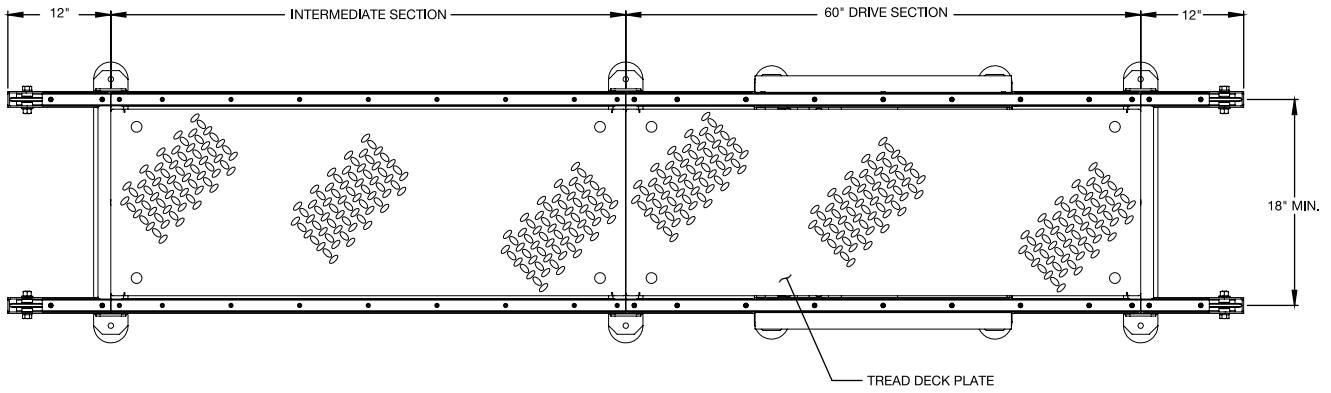
CONVEYING SPEED – Other constant and variable speeds. Consult factory.

MOTORS – Inverter duty, premium energy efficient, 1 1/2 HP maximum.

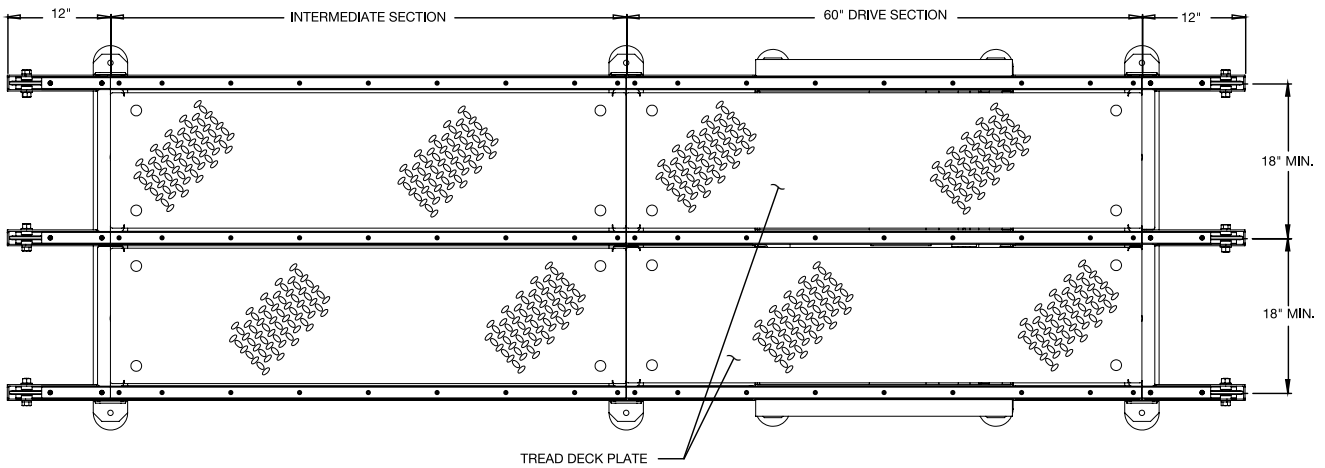
ELECTRICAL CONTROLS – Non-reversing and reversible starters, push button stations, AC variable frequency drive.

		LOAD CAPACITY (LBS.)				
FPM	HP	Strands	12'	32'	52'	102'
20	1	2	7,148	7,048	6,947	6,696
		3	6,964	6,738	6,512	5,948
35	1 1/2	2	6,106	6,005	5,905	5,654
		3	5,922	5,696	5,470	4,905
45	1 1/2	2	4,715	4,615	4,515	4,263
		3	4,531	4,305	4,080	3,515

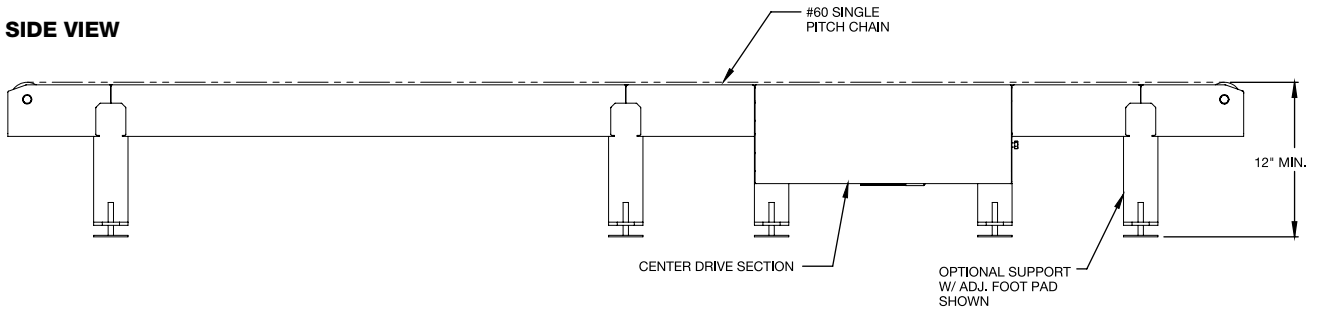
PLAN VIEW - 2 STRAND



PLAN VIEW - 3 STRAND



SIDE VIEW



PALLET STYLES



Typical GMA pallet



Typical CHEP pallet (9 block)