

Cleated Incline Belt Conveyor

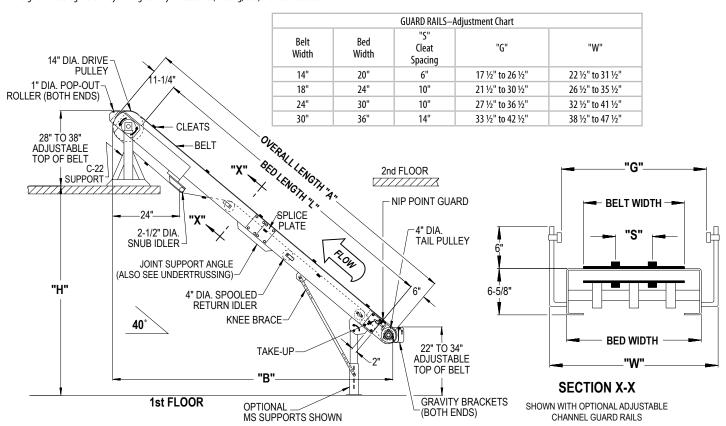
The Model C handles bags, boxes, cartons and parts. It may be set at any angle from horizontal to 45° for various uses, including floor-to-floor conveying and the transportation of materials from building to truck or box car.

- 4 Belt Widths
- Reversible
- · Cleated Roughtop Belt
- Gravity Conveyor Brackets
- · Pop-out Roller
- Undertrussed Bed
- Adjustable MS-Type Floor Supports Available



SIZE TO ORDER	Bed	"H" @ 40° Infeed @ 30" Discharge @ 30"	"B" @ 40°	14" Belt 20" Bed		18" Belt 24" Bed		24" Belt 30" Bed		30" Belt 36" Bed	
Overall Length "A"	212			Motor HP	Weight (Lbs.)	Motor HP	Weight (Lbs.)	Motor HP	Weight (Lbs.)	Motor HP	Weight (Lbs.)
7'-5"	6'	_	_	3/4	385	3/4	585	1½	770	1½	955
9'-5"	8'	-	_	3/4	415	3/4	640	1 ½	845	1 ½	1050
11'-5"	10'	-	-	3/4	435	1½	670	1½	880	1 ½	1145
13'-5"	12'	8'-6"	11'-0"	3/4	450	1½	695	1 ½	910	1 ½	1240
15'-5"	14'	9'-9"	12'-6"	3/4	500	1½	750	1 ½	985	1½	1335
17'-5"	16'	11'-0"	13'-0"	3/4	545	1½	805	1 ½	1060	1 ½	1430
19'-5"	18'	12'-3"	14'-7"	3/4	585	1½	860	1 ½	1135	1½	1525
21'-5"	20'	13'-6"	16'-1"	1 ½	615	1½	915	1 ½	1210	1 ½	1620
23'-5"	22'	14'-9"	17'-7"	1 ½	655	1½	970	1 ½	1285	1½	1715
25'-5"	24'	16'-0"	19'-2"	1 ½	700	1½	1025	1 ½	1360	1 ½	1810
27'-5"	26'	17'-3"	20'-8"	1 ½	730	1½	1080	1 ½	1430	1 ½	1905
29'-5"	28'	18'-6"	22'-2"	1 ½	755	1 ½	1135	1 ½	1505	1½	2000
31'-5"	30'	19'-6"	23'-9"	1 ½	790	1½	1190	1½	1580	1 ½	2095
33'-5"	32'	21'-0"	25'-3"	1 ½	825	1 ½	1245	1½	1650	1½	2190
35'-5"	34'	22'-3"	26'-10"	1 ½	860	1 ½	1310	1½	1720	1 ½	2285
37'-5"	36'	23'-6"	28'-4"	1 ½	895	1 ½	1375	1½	1790	1½	2380
39'-5"	38'	24'-9"	29'-10"	1½	930	1½	1430	1½	1860	1½	2475
41'-5"	40'	26'-0"	31'-5"	1½	965	1½	1495	1½	1930	1½	2570
43'-5"	42'	27'-3"	32'-11"	1½	1000	1½	1560	1½	2000	1½	2665
45'-5"	44'	26'-6"	34'-5"	1½	1035	1½	1625	1½	2070	1½	2760

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



STANDARD SPECIFICATIONS

C

END DRIVE—Located on discharge end of conveyor.

BELT—Black Trackmate 120 Roughtop with PVC cover. Clipper lacing.

CLEATS—Two $1\frac{1}{2}$ in. dia. x 1 in. high hardwood cleats, fastened to belt by $\frac{4}{16}$ in. elevator bolts spaced every 60 in. Can be supplied less cleats. Specify.

BED–6 % in. deep x 12 ga. powder painted, formed steel slider bed. Reinforced with ¾ in. pipe which forms sockets for guard rails. Standard 6 ft., 8 ft., and 10 ft. long sections bolt together with splice plates.

UNDERTRUSSED BED—Undertrussing provided on beds from 20 ft. through 40 ft. long. Others supported by either MS type floor supports or ceiling hangers. Unsupported bed joints are reinforced by joint support angles.

INCLINE—Adjustable from horizontal to 45°.

DRIVE PULLEY—14 in. dia. with 1 in. dia. removable shaft for 20 in. wide bed; 1 ¼ in. dia. removable shaft for 24 and 30 in. wide beds. Crowned and fully lagged.

TAIL PULLEY-4 in. dia. with 1 in. dia. shaft at bearing, machine crowned.

SNUB IDLER—Adjustable 2 $\frac{1}{2}$ in. dia. pre-lubricated ball bearings.

RETURN IDLER—Adjustable 4 in. dia. spooled idler to provide clearance for cleats. Pre-lubricated ball bearings.

TAKE-UP-Take-ups at tail pulley. Provides 4 in. of belt take-up.

GRAVITY BRACKETS—Adjustable bars with 1 in. dia. pop-out transfer roller to attach wheel or 1 % in. dia. roller conveyor.

BEARINGS—Sealed, pre-lubricated, self-aligning, ball bearings at tail pulley. Re-lube roller bearings on drive pulley.

MOTOR—Energy efficient motor with brake. See chart.

BELT SPEED—Constant 65 FPM.

CAPACITY—See Load Capacity Chart.

FLOOR SUPPORTS—Now supplied as optional equipment.



	LIVE LO	OAD CAPACITY-40° INCL	INE @ 65 FPM				
	BELT	LENGTHS UP TO					
HP	WIDTHS	20'	30'	46'			
	TO TO		DISTRIBUTED LOAD (LBS.	.)			
	14"	250	240	230			
3/4	18"	245	235	220			
/4	24"	240	225	205			
	30"	235	220	190			
	14"	520	515	500			
1½	18"	515	505	490			
1 72	24"	510	495	475			
	30"	505	490	460			

SHOWN WITH OPTIONAL LOWER POWERED FEEDER AND SUPPORTS

OPTIONAL EQUIPMENT

FLOOR SUPPORTS—MS Type floor supports are available with a wide range of adjustment. Specify top of belt or roller elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor. Knee braces recommended above MS-3 support.

BELT-Brown Polymate Roughtop w/Nitrile cover.

BELT SPEED—Other constant speeds available, contact factory. ***NOTE**: Capacity affected with speed change.

GUARD RAILS—Adjustable Universal Channel Guard Rail.

LOWER POWERED FEEDER—Chain type driven from pulley of inclined conveyor. NOTE: Conveyor tail pulley is used for belt take-up. When belt tension is adjusted, feeder will have to be moved along with the take-up. **NOTE**: Capacity affected with this option.

PULLEYS-6 in. dia. tail pulley with 1 1/16 in. dia. shaft at bearing.

FLOOR SUPPORTS—Infeed end (MS type) heights other than standard available, specify elevation. Discharge end (C-22) higher than standard to 48 in., specify elevation.

CEILING HANGERS—% in. dia. x 8 ft. long unplated rods fully threaded. Other lengths and galvanized rods available.

REMOTE SWITCH CONTROL—Rod running length of conveyor to operate reverse drum switch from both ends. Switch regularly furnished on left side, looking up with drive at top. Specify if required on other side.

MOTORS-1½ HP maximum.

CONVEYING SPEED—Speeds other than 65 FPM will require gear box change (contact factory).

ELECTRICAL CONTROLS—One direction manual start switch, reverse drum switch, non-reversing and reversible magnetic starters, push button stations. AC variable frequency drive.

