

Standard Specifications

BELT—Black Trackmate 447 Roughtop with PVC cover. Clipper unibar lacing.

BED—12 ga. galvanized slider pan mounted in 6-1/2 in. x 12 ga. powder painted, formed steel channel frame. Standard 4 ft., 6 ft., 8 ft., and 10 ft. long sections bolt together with splice plates.

DOUBLE NOSE-OVER—A 26 in. long horizontal and a 12 in. long nose-over section provides a two-step transition of product from incline to horizontal. Provides up to 30° incline adjustment.

LOWER POWERED FEEDER—Chain type driven from tail pulley of inclined conveyor. Supports not included in base price.

CENTER DRIVE—Located on the incline section. Chain guard located on left hand side.

DRIVE PULLEY—8 in. dia. with 1-3/16 in. dia. shaft at bearings, machine crowned and fully lagged.

TAIL PULLEY—4 in. dia. with 1 in. dia. shaft at bearings or 6 in. dia. with 1-3/16 in. dia. shaft at bearings, machine crowned.

TAKE-UP PULLEY—4 in. dia. with 1 in. dia. shaft at bearings or 6 in. dia. with 1-3/16 in. dia. shaft at bearings, machine crowned.

TAKE-UP—Take-ups in center drive provides 16 in. of belt take-up.

SNUB IDLER/NOSE-OVER ROLLERS—Adjustable 2-1/8 in. dia. or 2-1/2 in. dia. pre-lubricated ball bearings. Snub guards included.

RETURN IDLER—Adjustable 1.9 in. dia., pre-lubricated ball bearings.

BEARINGS—Sealed, pre-lubricated, self-aligning, ball bearings on drive, tail and take-up pulley.

SPEED REDUCTION—Sealed worm gear C-Face speed reducer. No. 50 roller chain to drive pulley.

MOTOR—3/4 HP—230/460V—3 Ph. 60 Hz. Totally Enclosed C-Face with brake kit.

BELT SPEED—Constant 65 FPM.

CAPACITY—Maximum load per linear foot of conveyor 100 lbs. NOT TO EXCEED capacity in charts.

FLOOR SUPPORTS—Now supplied as optional equipment.

BR	BELT WIDTH	OAW	FEEDER LENGTH
13"	10"	16"	35 1/2"
15"	12"	18"	
17"	14"	20"	
19"	16"	22"	50 1/2"
21"	18"	24"	
23"	20"	26"	
25"	22"	28"	
27"	24"	30"	
31"	28"	34"	79 1/2"
33"	30"	36"	
37"	34"	40"	91 1/2"
39"	36"	42"	

LOAD CAPACITY CHART			
25° INCLINE @ 65 FPM W/ROUGHTOP BELT			
HP	BELT WIDTHS TO	LENGTHS UP TO	
		14'	44'
DISTRIBUTED LOAD (LBS.)			
3/4	22"	285	270
	30"	280	250
	36"	270	235
1	22"	390	375
	30"	380	355
	36"	375	340
1-1/2	22"	600	580
	30"	590	565
	36"	580	550
2	22"	810	790
	30"	800	770
	36"	790	755

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-6 support.

BELT—Brown Polymate Roughtop w/Nitrile cover, Pure Gum Rubber Roughtop.

BELT SPEED—Other constant and variable speeds V-belt drive supplied on speeds under 20 FPM (3/4—1 HP), 46 FPM (1-1/2 - 2 HP). **NOTE: Capacity affected with speed change.**

V-BELT DRIVE—V-belt supplied between motor and reducer.

O-RING DRIVE CHAIN—With sealed in lubricant (Recommended for applications that do not permit regular lubrication).

GUARD RAILS—Continuous adjustable channel, overlapping fixed channel (one direction), non-overlapping fixed channel (bi-directional).

PULLEYS—6 in. dia. tail pulley with 1-3/16 in. dia. shaft at bearings in place of 4 in. when not furnished as standard.

CEILING HANGERS—5/8 in. dia. x 8 ft. long unplated rods fully threaded. Other lengths and galvanized rods available.

UNDERTRUSSING—Available in place of ceiling hangers. Maximum bed length 40 ft. Maximum overall width 30 in.

MOTORS—Energy efficient, single phase, other characteristics. 2 HP maximum.

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