

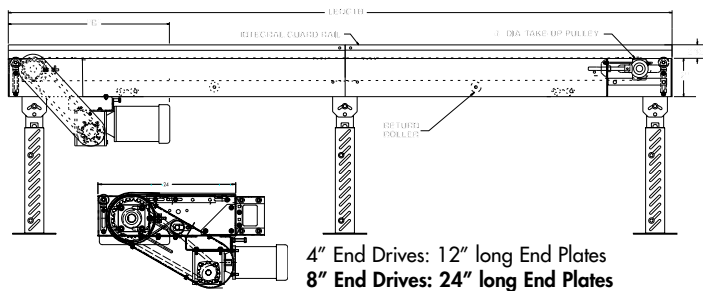
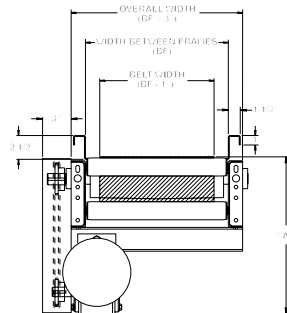
MODEL 725TB TROUGH BED BELT CONVEYOR

24 HOUR SHIPMENTS INCLUDE ALL 1-FOOT INCREMENTS 5'-0" TO 100'-0"



Conveyor shown with optional supports

725TB trough bed belt conveyor is ideal for handling chips, slugs, scrap wood, paper waste, boxes, packages and cartons. The troughed frame design offers integral guard rails for many trash conveyor applications.



4" End Drives: 12" long End Plates
8" End Drives: 24" long End Plates

HP@ 60 FPM	"A" MAX		"B" MAX	
	4" DRV.	8" DRV.	4" DRV.	8" DRV.
1/3	16-5/8"	16-5/8"	27-3/32"	33-3/32"
1/2	16-5/8"	16-5/8"	27-3/32"	33-3/32"
3/4	17"	17"	27-23/32"	33-23/32"
1	17-1/4"	17-1/4"	28-15/32"	34-15/32"
1-1/2	18-1/8"	18-1/8"	31-3/32"	37-3/32"
2	19"	19"	32-3/32"	38-3/32"

SPECIFICATIONS

BELTING: PVC-120 black.

DRIVE PULLEY: 4" dia. with 1-3/16" dia. shaft or 8" dia. with 1-7/16" dia. shaft, both machine crowned and fully lagged.

TAIL PULLEY: 4" dia., machine crowned, with 1-3/16" dia. shaft.

END DRIVE: Allows one-direction (unit) operation; add optional center drive for reversible application.

TAKE-UP: Screw type unit at tail pulley provides 12" belt take-up.

SAFETY POP-OUT ROLLER: Standard on both ends, 1.9" dia. x 16 ga. steel roller, model 196S.

BEARINGS: All pulley bearings are precision, heavy duty, lubricated, ball bearing units with cast iron housings.

BED: 7" deep x 12 ga. box type bed with bed pan braces (all widths) and with 2-1/2" deep x 12 ga. formed trough with formed flanges on sides to provide extra strength.

MOTOR DRIVE: 1/3 HP, 230/460/3, 60 cycle, ODP right angle gear motor.

ROLLER CHAIN: Drive pulley is driven by No. 50 roller chain for 1-1/2 HP or less and No. 60 chain on larger drives. Chain take-up provided on motor base.

RETURN ROLLERS: 1.9" dia.

⚠ WARNING

Prevent pinch points that exist when belt conveyors are permanently attached to other conveyors or equipment!



SPECIFICATION TABLE

50'-0" lengths and under are equipped with 4" dia. drive pulley; over 50'-0" includes 8" dia. drive pulley

■ 24 hour shipment ■ 2 week shipment

CONVEYOR LENGTH		10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	DEDUCT
BELT	BED	UNIT WEIGHTS (lbs.)										PER FOOT
6"	7"	305	477	649	821	993	1166	1338	1510	1682	1854	17
12"	13"	360	569	778	988	1197	1406	1615	1825	2034	2243	21
18"	19"	415	661	907	1154	1400	1646	1893	2139	2386	2632	25
24"	25"	469	753	1036	1320	1603	1887	2170	2454	2737	3021	28
30"	31"	524	845	1165	1486	1807	2127	2448	2769	3089	3410	32
36"	37"	579	937	1295	1652	2010	2368	2726	3083	3441	3799	36

OPTIONAL EQUIPMENT

BELTING: Black PVC ruff-top; 3-ply brown neoprene ruff-top; PVC-120 white food grade COS; PVC-150 black COS; 3-ply CN 40 urethane cover. Consult factory for other belting.

CENTER DRIVE: Reversible drive with integral belt take-up of 24". Specify location. Center drive option available on units 6'-0" long and above.

SIDE MOUNTED END DRIVE: OVERHEAD END DRIVE: Provides minimum conveyor height of 8" TOB (4" dia. drive pulley); 10" TOB (8" dia. drive pulley).

BELT SPEED: Constant speed 10-120 FPM; DC variable speed; AC inverter variable speed. Other constant or variable speeds available.

NOTE: CAPACITY CHANGES WITH SPEED.

AUXILIARY TAKE-UP: Provides 24" of belt take-up. Specify location. See Power Accessories.

UNDERTRUSSED BED: Available to provide clearance underneath unit at bed joint locations. Specify location for undertrussing and desired clearance underneath unit. Consult factory.

MOTORS: Available through 3 HP in TEFC, explosion proof, dirty duty, brake motor, 115/230/1, 575/3, etc.

FLOOR SUPPORTS: Supports, knee braces, casters and polytier supports available. See Conveyor Accessories.

CEILING HANGERS: 5/8" dia. threaded rod with hardware to attach rods to conveyor. Provides 6' clearance between ceiling and TOB (furnished in place of floor supports). See Conveyor Accessories.

GUARD RAILS: Available in 2", 4" and 6" heights (model FSG) to attach to troughed frame to increase trough depth. See Conveyor Accessories.

ELECTRICAL CONTROLS: Magnetic starter (one direction or reversible); One direction manual starter; Momentary start/stop push button station; Forward/reversing /stop push button station. Mounting and pre-wiring for units up to 12' long.



DETAIL OF INTERMEDIATE BED SECTION



OPTIONAL OVERHEAD MOUNTED DRIVE

