

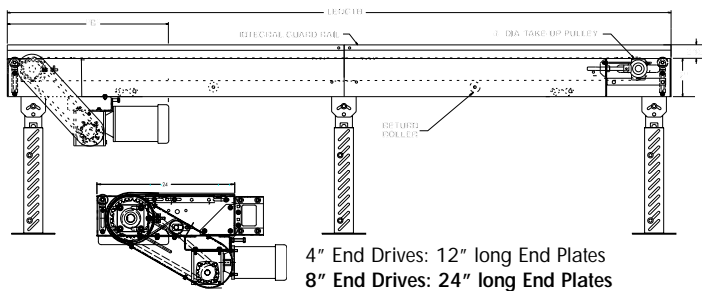
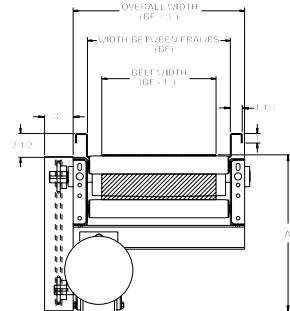
MODEL 725TB TROUGH BED BELT CONVEYOR

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. x 16 ga. steel, model 196S, adjustable.

BELT SPEED: 60 FPM, constant.

ELECTRICAL CONTROLS: Optional.

⚠ 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		5'	10'	15'	20'	25'	30'	35'	40'	50'	60'	70'	80'	90'	100'
BELT	BED	UNIT WEIGHTS (lbs.)													
6"	7"	251	282	335	365	417	447	499	530	616	699	783	866	948	1031
12"	13"	274	316	382	424	490	532	598	640	755	863	973	1081	1189	1297
18"	19"	321	388	481	548	641	708	801	868	1038	1198	1370	1520	1679	1839
24"	25"	374	430	536	615	721	800	906	985	1183	1359	1557	1742	1928	2113
30"	31"	N/A	457	572	659	774	861	976	1063	1281	1463	1688	1890	2094	2296
36"	37"	N/A	501	631	733	863	965	1095	1196	1447	1654	1914	2146	2381	1612

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: Provides minimum conveyor height of 10" TOB (4" dia. drive pulley); 12" TOB (8" dia. drive pulley).

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

