



Professional Packaging Systems

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Roach 700SB Medium-Duty Slider Bed Belt Conveyor

At a Glance

- Economical means of transporting goods
- Great for packing, testing, inspecting and various assembly line operations
- Very popular powered conveyor

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.



Economically Transport Goods for Packing & Line Operations

Roach 700SB slider bed belt conveyors remain the most popular of all powered conveyors, providing an economical means of transporting goods for packing, testing, inspecting and various assembly line operations.

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" x 1-1/2" x 12 ga. channel frame with 14 ga. slider bed.

Belt Speed: 60 FPM, constant.

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

Electrical Controls: Optional.

Options

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.

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).

Nose-Over: Provides smooth transition from incline to horizontal position. Single nose-over adjusts 0-20°; double nose-over adjusts 0-35. Feeders also available.

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.

Side Tables: Available in 9", 15" and 21" widths (14 ga.) one or both sides.

Undertrussed Bed: Available to provide clearance underneath unit at bed joint locations. Specify location for under-trussing and desired clearance underneath unit.

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.

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).

Guard Rails: 1-3/4" x 1" formed channel (model GC), adjusts horizontally to 10" wider than belt and vertically to 6" above belt; formed steel fixed (model FSG) in 2", 4", 6", 8", 12", and 18" heights; fixed channel (model FC); 1-1/2" angle (model GA1-1/2).

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.

Please [contact Pro Pac](#) or call 888-318-0083 for your conveyors.

Horsepower & Drives

HP @ 60 FPM	A MAX		B MAX	
	4" Drive	8" Drive	4" Drive	8" Drive
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"

Roach 725TB Conveyor Lengths & Unit Weights

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

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