



Professional Packaging Systems

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Contact

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Roach 796LS Medium-Duty Line Shaft Conveyor

At a Glance

- Medium-duty line shaft driven
- Single drive for all accessories
- Reversible

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.



Conveyor and Additions Driven by a Single Drive

The Roach 796LS medium duty line shaft driven conveyor has gained widespread usage with its unique design. Curves, spurs and a number of accessories may be driven by a single drive.

Specifications

Tread Rollers: 1.9" dia. x 16 ga. steel, model 196S grooved.

Drive Belt: 3/16" dia., polyurethane belts. Nominal 15 lbs. per roller drive.

Drive Shaft: 1" dia. C1018 cold rolled steel shaft.

Couplings: Couplings located both ends (type A), one end only (type B or C) or none (type D).

Center Drive: Reversible drive; located approx. 18" from end of bed section for 3" and 6" RC; 16-1/2" for 4" RC.

Bed: 7" x 1-1/2" x 12 ga. formed steel channel frame. Bed sections attached w/ splice plates and floor supports.

Speed: 60 FPM, constant.

Bearings: Precision, lubricated, ball bearing units with composite housings.

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

Roller Chain: Drive shaft is driven by No. 50 chain. Chain take-up provided on motor base.

Electrical Controls: Optional.

Options

Side Mounted Drive: Provides overall conveyor height of 10".

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 TOR (furnished in place of floor supports).

Speed: Constant speed 15-120 FPM; DC variable speed; AC inverter variable speed. Minimum operating speed for line shaft conveyor is 30 FPM.

Galvanized Rollers: Tread rollers available in galv. steel, model 196G.

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

Motors: Available through 2 HP in TEFC, explosion proof, dirty duty, 115/230/1, 575/3, etc.

Electrical Controls: Magnetic starter (one direction or reversible); One direction manual starter; Momentary start/stop push button station; Forward/ reversing /stop push button. 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
1/3, 1/2	21"
3/4, 1	22"
1-1/2, 2	23"

Roach 796LS Conveyor Lengths and Unit Weights

Conveyor Length	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	Deduct
BF OAW	Unit Weights (lbs) with 3" Roller Centers										Per Foot
15" 18"	319	561	803	1044	1286	1528	1770	2011	2253	2495	24
19" 22"	349	617	886	1154	1423	1691	1960	2228	2497	2765	27
21" 24"	363	645	927	1209	1491	1773	2054	2336	2618	2900	28
25" 28"	393	701	1010	1319	1627	1936	2244	2553	2861	3170	31
27" 30"	408	729	1051	1373	1695	2017	2339	2661	2983	3305	32
33" 36"	452	814	1176	1538	1900	2262	2624	2986	3348	3710	36
39" 42"	496	898	1300	1702	2104	2507	2909	3311	3713	4115	40

Roach 796LS Conveyor Unit Weights for Other than 3" Centers

Tread Roller Centers	15" BF		19" BF		21" BF		25" BF		27" BF		33" BF		39" BF	
	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'	Per 5'	Per 10'
4"	-14	-28	-17	-34	-19	-37	-21	-42	-23	-45	-27	-53	-31	-62
6"	-18	-36	-34	-68	-37	-74	-42	-84	-45	-90	-53	-106	-62	-124

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