



Professional Packaging Systems

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Contact

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Roach 738LS Light-Duty Line Shaft Conveyor

At a Glance

- Light-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 738LS light 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: 1-3/8" dia. x 18 ga. galvanized steel, model 138G with 5/16" hex, grooved.

Drive Belt: 1/8" dia., polyurethane belts. Nominal 10 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: With 10" minimum elevation.

Floor Supports: Supports, knee braces, casters, polytier supports & ceiling hangers available.

Speed: Constant 15-120 FPM, or variable (specify). Minimum operating speed for line shaft conveyor is 30 FPM. Note: Capacity changes with speed.

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

Electrical Controls: Manual start/stop push button switch; magnetic starter; others available.

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

Horsepower and Drives

HP @ 60 FPM	A MAX
1/3, 1/2	21"
3/4, 1	22"
1-1/2, 2	23"

Roach 738LS Conveyor Lengths & Unit Weights

Conveyor Length		10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	Deduct
BF	OAW	Unit Weights (lbs) with 1-1/2" Roller Centers										Per Foot
10"	13"	403	614	825	1036	1247	1458	1669	1880	2091	2302	21
16"	19"	502	776	1051	1325	1599	1874	2148	2422	2697	2971	27
22"	25"	601	939	1276	1614	1952	2289	2627	2965	3302	3640	34

Roach 738LS Conveyor Unit Weights for Other than 1-1/2" Centers

Roller Centers	10" BF	16" BF	22" BF
3"	-4	-6	-8
4"	-5	-7.5	-10
6"	-6	-9	-12

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