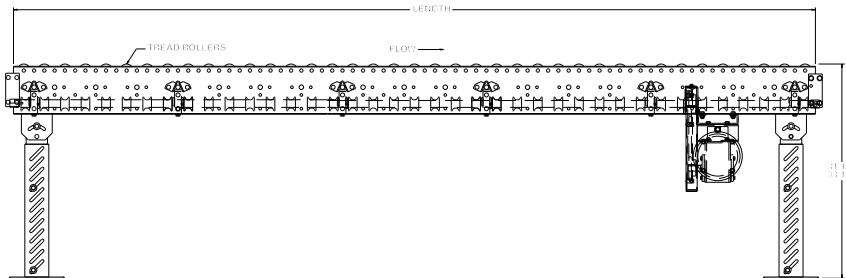
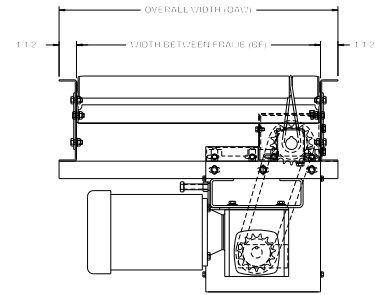


# MODEL 738LS LIGHT DUTY LINE SHAFT DRIVEN LIVE ROLLER



Model 738LS has gained widespread usage with its unique design. Curves, spurs and a number of accessories may be driven by a SINGLE drive.



BF	10"	16"	22"
OAW	13"	19"	25"
LENGTH	UNIT WEIGHTS (lbs.) WITH 1-1/2" ROLLER CENTERS*		
2'	224	232	239
10'	399	459	515
20'	604	750	859
30'	838	1035	1194
40'	1058	1322	1532
50'	1278	1610	1871
60'	1498	1897	2209
70'	1717	2185	2548
80'	1937	2473	2887
90'	2156	2760	3249
100'	2376	3048	3590

\*For other centers, deduct the following (RC/lbs. per ft.):  
 10" BF--3" RC/4 lbs.; 4" RC/5 lbs.; 6" RC/6 lbs.  
 16" BF--3" RC/6 lbs.; 4" RC/7.5 lbs.; 6" RC/9 lbs.  
 22" BF--3" RC/8 lbs.; 4" RC/10 lbs.; 6" RC/12 lbs.

## SPECIFICATIONS

**TREAD ROLLERS:** 1-3/8" dia. x 18 ga. galvanized steel, model 138G w/ 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"). See 'line shaft coupling chart' on page 74 & specify.

**CENTER DRIVE:** Reversible drive; located approx. 24" from end of bed section.

**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.

**FLOOR SUPPORTS:** SM-6 adjustable 31-1/2" to 43-1/2" TOR. Supports should be lagged to floor.

**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.

**CAPACITY:** See page 5 in technical section for load capacity rating.

**ELECTRICAL CONTROLS:** Optional.

HP @ 60 FPM	REDUCER
1/3, 1/2	RBW11100-02
3/4, 1	RBW11100-02
1-1/2, 2	RBW11100-04

## OPTIONAL EQUIPMENT

**SIDE MOUNTED DRIVE:** With 10" minimum elevation.

**FLOOR SUPPORTS:** Other height supports, knee braces, casters, polytier supports & ceiling hangers available. See pages 152-155.

**SPEED:** Constant 15-120 FPM, or variable (specify). MINIMUM operating speed for line shaft conveyor is 15 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.



■ 3 week shipment