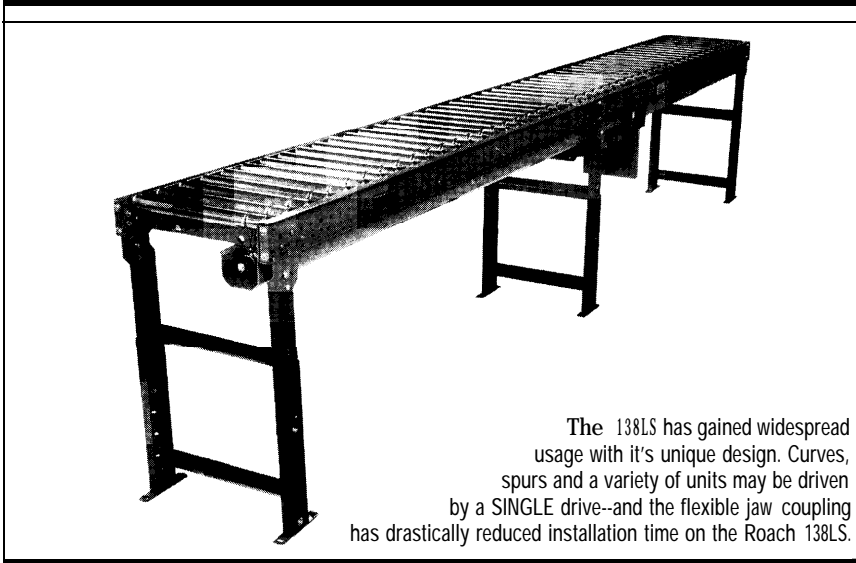


# MODEL 138LS

## LINE SHAFT DRIVEN LIVE ROLLER



The 138LS has gained widespread usage with its unique design. Curves, spurs and a variety of units may be driven by a SINGLE drive--and the flexible jaw coupling has drastically reduced installation time on the Roach 138LS.

BF	10"	16"	22"
OAW	13"	19"	25"
LENGTH	UNIT WEIGHTS (lbs.) WITH 1-1/2" ROLLER CENTERS		
2'	222	230	237
10'	389	449	505
20'	584	730	839
30'	808	1005	1164
40'	1018	1282	1492
50'	1228	1560	1821
60'	1438	1837	2149
70'	1647	2115	2478
80'	1857	2393	2807
90'	2066	2670	3159
100'	2276	2948	3490

\*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.

DRIVE BELT: 3/1 6" dia., polyurethane belts. Nominal 15 lbs. per roller drive.

DRIVE SHAFT: 1" dia.; CI 018 cold rolled steel shaft.

COUPLINGS: Flexible jaw coupling with shock absorbing Hytel insert, located both ends, or one end only (specify).

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

BED: 4-1/2"x1-1/2"x12ga. formed steel channel frame. Bed sections attached with couplings and floor

SPEED: 60 FPM, constant.

BEARINGS: Precision, lubricated, ball bearing units with steel housings.

FLOOR SUPPORTS: Adjustable 29" to 41" TOR. Supports can be lagged to floor.

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.

### OPTIONAL EQUIPMENT

SIDE MOUNTED DRIVE: With 10" minimum elevation.

FLOOR SUPPORTS: Other height supports available.

CEILING HANGERS: dia. threaded rod with hardware.

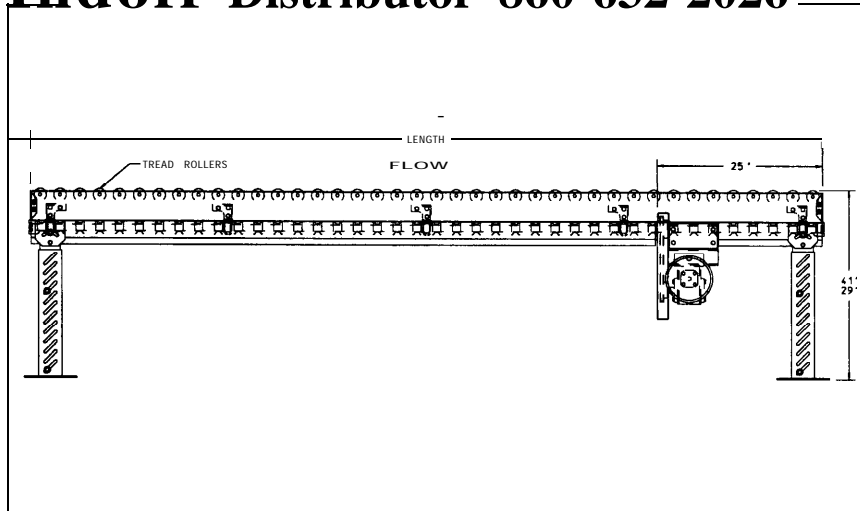
SPEED: Constant 30- 120 FPM, or variable (specify). NOTE: CAPACITY CHANGES WITH SPEED.

MOTORS: Available through 2 HP, totally enclosed, single phase, etc.

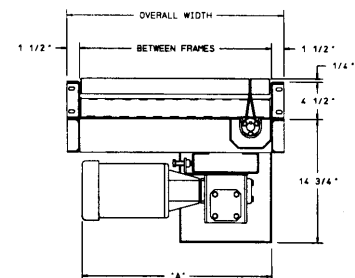
ELECTRICAL CONTROLS: Manual start/stop push button switch; magnetic starter; others available.



**Indoff Distributor 860-632-2026**

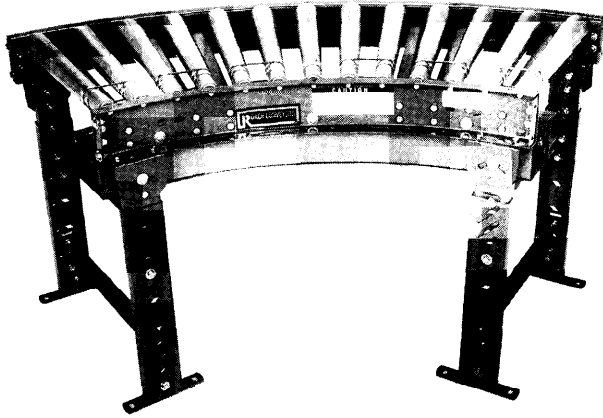


HP @ 60 FPM	REDUCER	"A"
1/3, 1/2	RDW 11100-02	24"
3/4, 1	RDW 11100-02	24"
1-1/2, 2	RDW 11100-04	25-1/4"



■ 3 week shipment

# MODEL 138LSC LINE SHAFT DRIVEN CURVE



The Roach model 138LSC features tapered rollers to help product maintain orientation; and requires NO drive since it is designed to be driven from 138LS straight line shaft sections and includes close roller centers as a standard feature.

CURVE	90°		60°		45°		30°	
	QTY. RLRs.	WT. (lbs.)	QTY. RLRs.	WT. (lbs.)	QTY. RLRs.	WT. (lbs.)	QTY. RLRs.	WT. (lbs.)
10"	27	209	18	159	14	150	9	128
16"	27	241	18	194	14	180	9	152
22"	27	280	18	234	14	208	9	179

## OPTIONAL EQUIPMENT

**GUARD RAILS:** Adjustable channel or solid formed steel.

**FLOOR SUPPORTS:** Other height supports available, adjustable or fixed.

**MOTOR DRIVE:** Available as 2 ft. long 138LS conveyor section in speeds from 30 to 120 FPM.

**ELECTRICAL CONTROLS:** Manual start/stop push button switch; reversing drum switch; magnetic starter (one direction or reversible); limit switch; photo relay; others available. NOTE: CONTROLS ONLY REQUIRED IF MOTOR DRIVE OPTION ABOVE IS USED.

## SPECIFICATIONS

**TAPERED ROLLERS:** 1.9" dia. to 1-3/8" dia. x 16 ga.

**BED:** 4- 1/2" x 1 - 1/2" x 10 ga. formed steel channel frame.

**DRIVE BELT:** 3/1 6" dia., polyurethane belts. Nominal 15 lbs. per roller drive.

**FLOOR SUPPORTS:** Adjustable 29"-41" TOR. Supports can be lagged to floor.

**DRIVE SHAFT:** 1" dia.; C101 8 cold rolled steel shaft, located on inside radius.

**MOTOR DRIVE:** Unit is designed to be driven by 196LS.

**COUPLINGS:** Flexible jaw couplings with shock absorbing Hytrel insert, located both ends or one end only (specify).

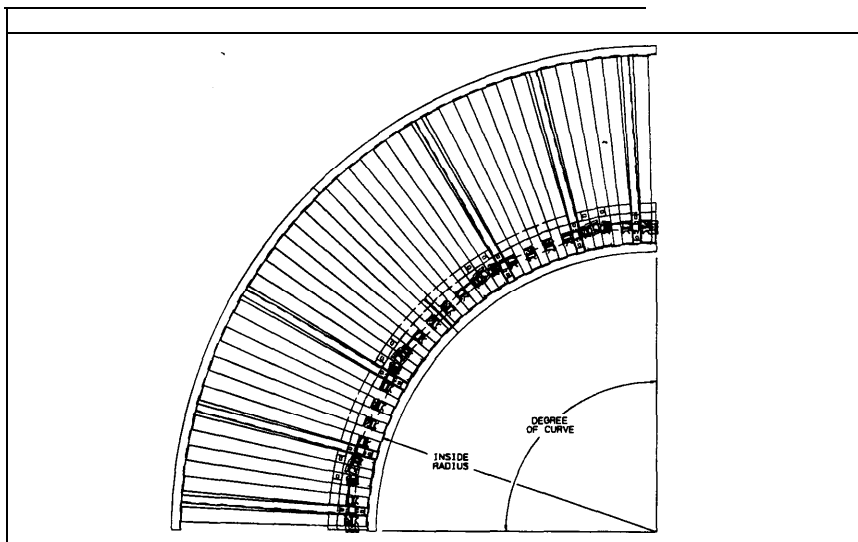
**DIRECTION OF FLOW:** Specify right to left or left to right.

**UNIVERSAL JOINTS:** 4 per 90° and 60° curve; 2 per 45° and 30° curve.

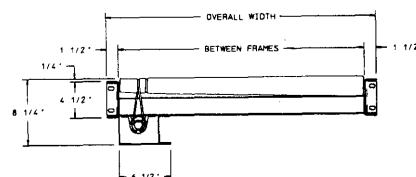
**ELECTRICAL CONTROLS:** Available as an option.

**BEARINGS:** Precision, lubricated, ball bearing units with steel housings. 6 per 90° and 60° curve; 4 per 45° and 30°.

## Indoff Distributor 860-632-2026



BF	INSIDE RADIUS	RC @ INSIDE	RC @ OUTSIDE
10"	36"	2.10	2.68
16"	36"	2.10	3.03
22"	36"	2.10	3.38



■ 3 week shipment