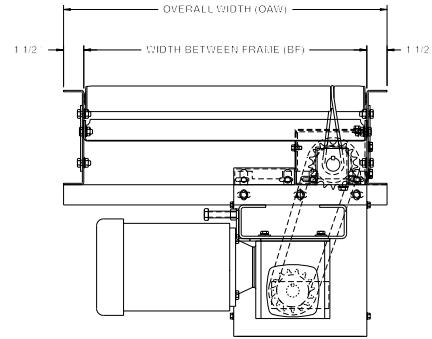


MODEL 738LS LIGHT DUTY LINE SHAFT DRIVEN LIVE ROLLER

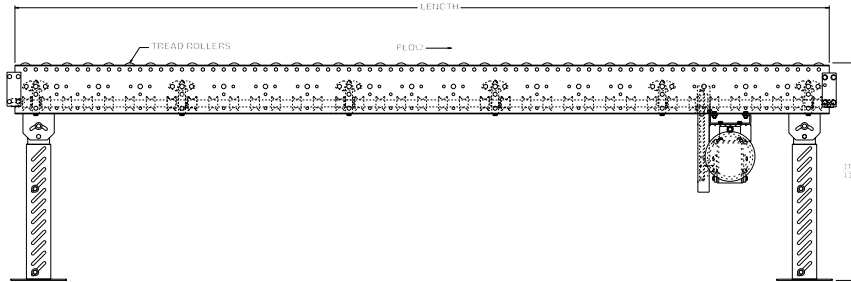


Model 738LS has gained widespread usage with its unique design. Curves, spurs and a number of accessories may be driven by a SINGLE drive.



BF	10"	16"	22"
OAW	13"	19"	25"
Length	Unit Weights (lbs.) W/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. 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.

CAPACITY: See Technical Section for load capacity rating.

ELECTRICAL CONTROLS: Optional.

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

OPTIONAL EQUIPMENT

SIDE MOUNTED DRIVE: With 10" minimum elevation.

FLOOR SUPPORTS: Supports, knee braces, casters, polytier supports & ceiling hangers available. See Conveyor Accessories.

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.



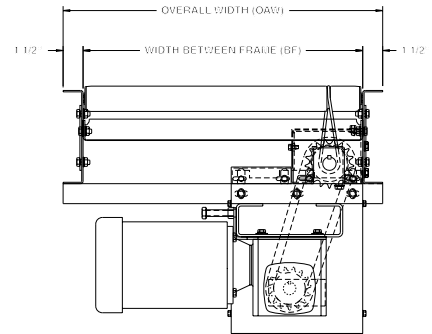
■ 3 week shipment

MODEL 738LSC LIGHT DUTY LINE SHAFT DRIVEN CURVE MODULE

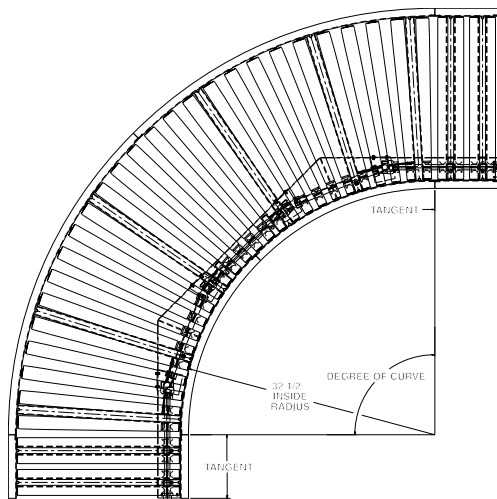
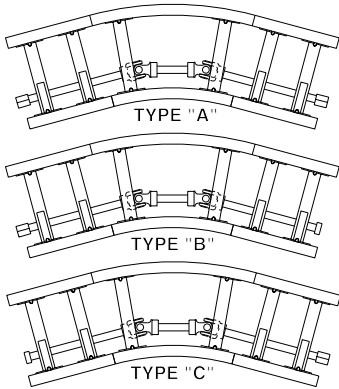


Conveyor shown with optional supports

Model 738LSC features tapered rollers to help product maintain orientation. NO drive is required since it is designed to be driven from 738LS straight line shaft driven sections and includes close roller centers as a standard feature.



LINE SHAFT CURVE COUPLINGS



CURVE	90°	60°	45°	30°
BF	WT. (lbs)	WT. (lbs)	WT. (lbs)	WT. (lbs)
10"	219	167	155	132
16"	251	202	185	156
22"	290	242	213	183

*Roller quantities listed for tapered rollers only. 1'-0" long tangents include 4 rollers and 1'-6" long tangents include 6 rollers per tangent.

SPECIFICATIONS

TREAD ROLLERS: 1.9" dia. to 1-3/8" dia. x 16 ga. tapered steel, model 138Tw/ 5/16" hex, grooved.

DRIVE BELT: 3/16" dia., polyurethane belts. Nominal 7.5 lbs. per roller drive.

DRIVE SHAFT: 1" dia. C1018 cold rolled steel shaft, located on inside radius. NOTE: Spools are keyed to provide positive drive (designed not to slip on drive shaft).

COUPLINGS: Couplings located both ends (type "A") or one end only (type "B" or "C"). See 'line shaft curve couplings' above and specify.

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

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

BED: 7" x 1-1/2" x 12 ga. formed steel channel frame.

TANGENTS: 1'-0" both ends on 60° and 90°; 1'-6" both ends on 30° and 45°. 1'-0" infeed, 1'-0" discharge and no center tangent on 180°. Tangent roller centers 3" RC.

MOTOR DRIVE: Unit is designed to be driven by 738LS.

ELECTRICAL CONTROLS: Optional.

OPTIONAL EQUIPMENT

FLOOR SUPPORTS: Supports, knee braces, casters, polytier supports & ceiling hangers available. See Conveyor Accessories.

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). See Conveyor Accessories.



■ 3 week shipment