

MODEL 196LRC

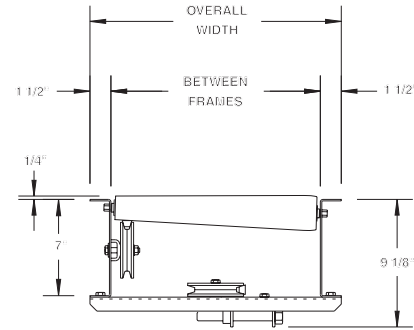
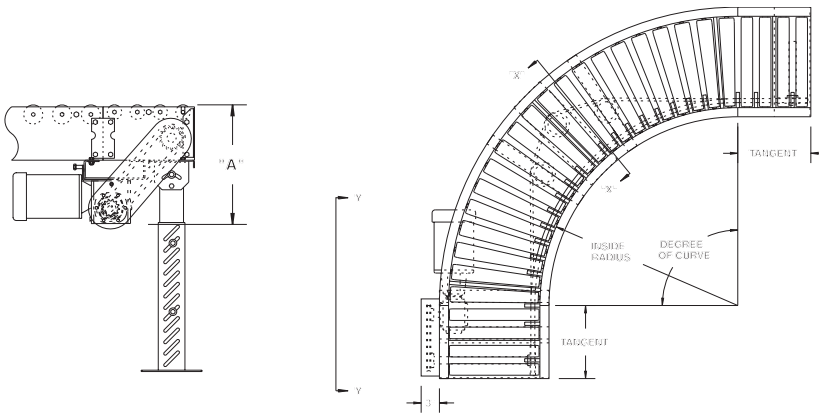
MEDIUM DUTY BELT DRIVEN LIVE ROLLER CURVE

24 HOUR SHIPMENTS INCLUDE 45°, 90° AND 180° CURVES

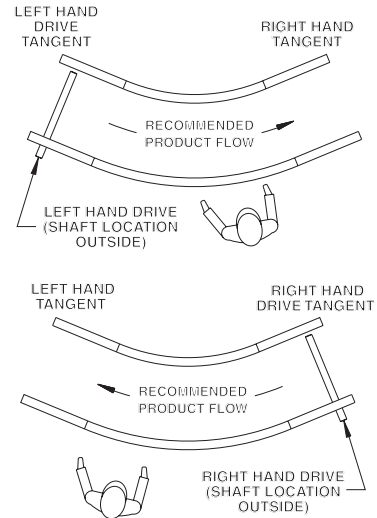


Conveyor shown with optional supports

Roach model 196LRC features tapered rollers to maintain product orientation. Reversible, it is also commonly slave driven from 196VP and 196CALR conveyors.



DETERMINING DRIVE LOCATION



SPECIFICATIONS

TREAD ROLLERS: 2-1/2" dia. to 1-11/16" dia. x 14 ga. steel tapered rollers, model 254T; 1.9" dia. x 16 ga. steel straight tangent rollers, model 196S.

PRESSURE SHEAVES: Provides drive belt pressure to upper tread rollers.

BELT: "B" section V-belt.

TAKE-UP: Screw type adjustable sheaves provided to maintain belt tension.

TANGENTS: 1'-0" both ends on 90°; 1'-6" both ends on 45°; 1'-0" both ends on 180°. Tangent roller centers provided on 3" RC.

SPEED: 60 FPM, constant.

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

BEARINGS: End shafts are supported by precision, heavy duty, lubricated, ball bearing units with cast iron housings.

ROLLER CHAIN: Drive shaft is driven by No. 50 chain.

DRIVE LOCATION: Drive located on outside of curve. Specify left hand tangent length, right hand tangent length and drive location ("left hand drive" or "right hand drive"). NOTE: Drive hand determined with reference point located at outside of curve. For models slave driven (less drive), specify drive shaft location.

CAPACITY: 500 lb. total distributed live load.

MOTOR DRIVE: 1/3 HP, 230/460/3, 60 cycle, ODP right angle gear motor, located at infeed end of curve below bed on 45° and 90° curves; 3/4 HP supplied on all 180° curves.

SPECIAL WIDTHS: Consult factory for pricing of ALL widths not shown.

ELECTRICAL CONTROLS: Optional.

HP @ 60 FPM	"A" MAX
1/3, 1/2	16-5/8"
3/4	17"
1	17-1/4"
1-1/2	18-1/8"
2	19"

NOTE: This unit is not recommended for accumulating loads.



■ 24 hour shipment

MODEL			196LRC - 180°			196LRC - 90°			196LRC - 45°		
BF	OAW	INSIDE RADIUS	TAPERED ROLLERS	STRAIGHT ROLLERS	WT. (lbs.)	TAPERED ROLLERS	STRAIGHT ROLLERS	WT. (lbs.)	TAPERED ROLLERS	STRAIGHT ROLLERS	WT. (lbs.)
13"	16"	2'-8-1/2"	40	8	709	20	8	367	10	12	359
15"	18"	2'-8-1/2"	40	8	735	20	8	380	10	12	370
17"	20"	2'-8-1/2"	40	8	769	20	8	397	10	12	385
19"	22"	2'-8-1/2"	40	8	801	20	8	413	10	12	397
21"	24"	2'-8-1/2"	40	8	826	20	8	426	10	12	408
23"	26"	2'-8-1/2"	40	8	855	20	8	440	10	12	421
25"	28"	2'-8-1/2"	40	8	893	20	8	459	10	12	436
27"	30"	2'-8-1/2"	40	8	921	20	8	473	10	12	450
31"	34"	4'-0"	56	8	1255	28	8	640	14	12	547
33"	36"	4'-0"	56	8	1297	28	8	661	14	12	563
37"	40"	4'-0"	56	8	1389	28	8	707	14	12	598
39"	42"	4'-0"	56	8	1435	28	8	730	14	12	616

OPTIONAL EQUIPMENT

SIDE MOUNTED END DRIVE: Provides minimum overall conveyor height of 10".

DRIVE: Located on inside radius of curve.

SPEED: Constant speed 10-120 FPM; DC variable speed; AC inverter variable speed. Other constant or variable speeds available.

FLOOR SUPPORTS: See Conveyor Accessories for various elevation and types.

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). See Conveyor Accessories.

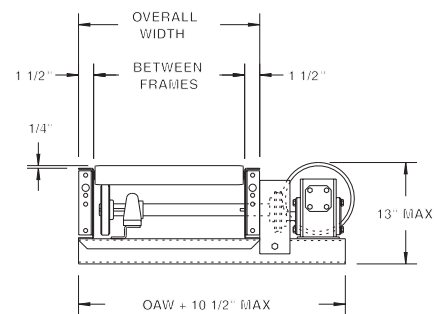
TANGENT LENGTHS: 1'-6", 2'-0", 2'-6", 3'-0", 3'-6", 4'-0", 4'-6" and 5'-0" tangent lengths available on 45° and 90°. Total combined length of tangents not to exceed 6'-0".

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", 6", 8", 12" and 18" heights; 1-1/2" angle (model GA1-1/2). See Conveyor Accessories.

MOTORS: Available through 3 HP in TEFC, explosion proof, dirty duty, brake motor, 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 station.

OPTIONAL SIDE MOUNTED END DRIVE



UNDERNEATH MOUNTED DRIVE



STRAIGHT TANGENT (located both ends of curve)