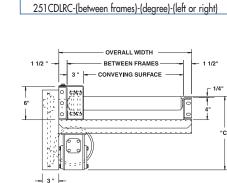
MODEL 251CDLRC HEAVY DUTY CHAIN DRIVEN LIVE ROLLER CURVE





90°

22

22

22

22

22

32

32

32

32

QTY. RLRS. WT (lbs.) QTY. RLRS. WT (lbs.)

624

672

721

769

815

1244

1383

1531

1680

45°

11

11

11

16

16

16 909

11

11

16

347

374

401

428

454

672

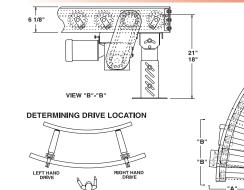
744

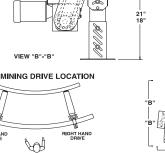
827

SPECIFY MODEL NUMBER PER EXAMPLE

251CDLRC-39-90-L

251CDLRC, heavy duty chain driven live roller curve, transports heavy unit loads. Heavy castings, drums and other loads not requiring product orientation may be effectively conveyed on this conveyor.





SPECIFICATIONS

TREAD ROLLERS: 2-1/2" dia. x 11 aa. steel, model 251S with sprockets.

CHAIN DRIVE: Roller to roller with No. 60 circular roller chain

END DRIVE: Reversible drive either side mounted or underside (specify). Main drive roller is supported by precision, heavy duty, lubricated, ball bearing units.

BEARINGS: Precision ABEC bearings.

ROLLER CENTERS: 6" RC measured at outside radius of curve.

MOTOR DRIVE: 3/4 HP, 230/460/3, 60 cycle, ODP right angle gear motor.

SPEED: 35 FPM, constant.

BED: 6" x 1-1/2" x 7 ga. and 4" x 1-1/2" x 7 ga. formed steel channel frame.

CHAIN GUARD: The chain drive is enclosed. top and bottom, along the entire length of the conveyor.

DRIVE LOCATION: Drive located on outside of curve. Specify right hand drive or left hand drive (drive hand determined with reference point located at outside of curve). ELECTRICAL CONTROLS: Optional.

| HP @ | "(-" |
|------|------|
| | C |

| 551 F <i>I</i> M | | |
|------------------|---------|--|
| 3/4 | 13″ | |
| 1 | 13-1/4″ | |
| 1-1/2 | 14-1/8″ | |
| 2 | 15 | |
| | | |



OPTIONAL EQUIPMENT

UNIT

OUTSIDE RADIUS

7'-1-1/2"

7'-1-1/2″

7′1-1/2″

7'-1-1/2″

7'-1-1/2"

10'-3-3/4"

10'-3-3/4"

10'-3-3/4"

10′-3-3/4″

CONV.

SURFACE

12″

18″

24″

30″

36″

42'

48″

54″

60″

15″

21″

27″

33″

39″

45″

51″

57″

63″

BED: Rollers on 4 - 1/2'' centers on outside radius.

SPEED: Constant speed 1.5-60 FPM; DC variable speed; AC inverter variable speed. Other constant or variable speeds available. NOTE: CAPACITY CHANGES WITH SPEED. 100 FPM MAX. WITH ROLLER-TO-ROLLER CHAIN DRIVE.

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

FLOOR SUPPORTS: Supports, knee braces, casters, and polytier supports available. See Conveyor Accessories.

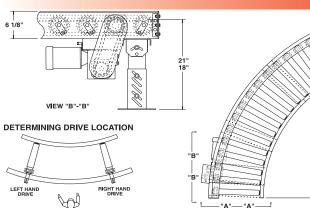
*NOTE: Orientation of product may be affected because of straight rollers in curve. To maintain orientation, use tapered roller curve.

4 week shipment

MODEL 297CDLRC HEAVY DUTY CHAIN DRIVEN LIVE ROLLER CURVE



Model 297CDLRC features structural steel channel frames for conveying heavy unit loads. Heavy cast-ings, drums and numerous other loads not requiring product orientation may be transported on this heavy duty chain driven live roller curve.



SPECIFICATIONS

TREAD ROLLERS: 2-9/16" dia. x 7 ga. steel, model 297S with sprockets.*

CHAIN DRIVE: Roller to roller with No. 60 circular roller chain

END DRIVE: Reversible drive, either side mounted or underside (specify). Main drive roller is supported by precision, heavy duty, lubricated, ball bearing units.

CHAIN GUARD: Chain drive is enclosed, top and bottom, along entire length of conveyor.

ROLLER CENTERS: 6" RC measured at outside radius of curve

BED: 4" at 5.4 lbs. and 6" at 8.2 lbs. structural steel channel frame.

BEARINGS: Precision ABEC bearings.

MOTOR DRIVE: 3/4 HP, 230/460/3, 60 cycle, ODP right angle gear motor.

SPEED: 35 FPM, constant. DRIVE LOCATION: Drive located on outside of curve. Specify right hand drive or left hand drive (drive hand determined with reference point located at outside of curve). ELECTRICAL CONTROLS: Optional.

| HP @ |
|-------|
| 35FPN |
| 3/4 |
| 1 |
| 1-1/2 |
| 2 |
| |



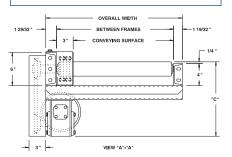




76

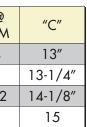
Conveyor shown with optional supports

SPECIFY MODEL NUMBER PER EXAMPLE 297CDLRC-57-45-R 297CDLRC-(between frames)-(degree)-(left or right)



| | BF | C SU |
|---------------|-----|---------|
| | 15″ | |
| | 21″ | |
| | 27″ | |
| | 33″ | |
| | 39″ | |
| | 45″ | |
| RADIUS | 51″ | |
| | 57″ | |
| \rightarrow | | |
| 90° | | |
| | | |

| 1 | UNIT | | 90° | | 45° | | |
|---|------|------------------|-------------------|------------|-----------|------------|-----------|
| | BF | CONV. SURFACE | OUTSIDE RADIUS | QTY. RLRS. | WT (lbs.) | QTY. RLRS. | WT (lbs.) |
| | 15″ | 12″ | 7'-1-1/2″ | 22 | 736 | 11 | 421 |
| | 21″ | 18″ | 7'-1-1/2″ | 22 | 846 | 11 | 495 |
| | 27″ | 24″ | 7′1-1/2″ | 22 | 956 | 11 | 540 |
| | 33″ | 30″ | 7'-1-1/2″ | 22 | 1066 | 11 | 750 |
| | 39″ | 36″ | 7'-1-1/2″ | 22 | 1176 | 11 | 811 |
| | 45″ | 42′ | 10'-3-3/4" | 32 | 1625 | 16 | 872 |
| | 51″ | 48″ | 10′-3-3/4″ | 32 | 1735 | 16 | 965 |
| | 57″ | 54″ | 10'-3-3/4" | 32 | 1845 | 16 | 1026 |





OPTIONAL EQUIPMENT

BED: Rollers on 4-1/2'' centers on outside radius.

SPEED: Constant speed 1.5-60 FPM; DC variable speed; AC inverter variable speed. Other constant or variable speeds available. NOTE: CAPACITY CHANGES WITH SPEED. 100 FPM MAX. WITH ROLLER-TO-ROLLER CHAIN DRIVE.

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

FLOOR SUPPORTS: Supports, knee braces, casters, and polytier supports available. See Conveyor Accessories.

*NOTE: Orientation of product may be affected because of straight rollers in curve. To maintain orientation, use tapered roller curve.