

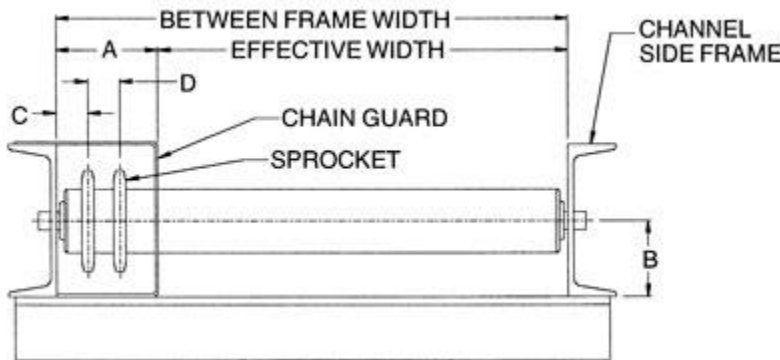
5” Extra Heavy Duty Chain Driven Live Roller

Note: Effective widths, lengths and roller spacing's listed are only general guidelines. Many variations are easily accommodated.

Chain Driven Live Roller Conveyor 5.0

Roller Dia.	Chain	Sprocket	Roller Centers	Frame	Optional Side Frame		A	B	C	D
					Channel	Angle				
5	RC80	80A20	8 " & up in 1/2 " increments	10 x 15.3#	7 x 9.8#	7 x 4 x 1/2	4 1/4"	5 1/2"	1 1/4"	1 3/4"
5	RC100	100A17	8 3/4 " & up in 5/8 " increments	10 x 15.3#	7 x 9.8 #	7 x 4 x 1/2	5"	5 1/2"	1 3/8"	2"

Standard - Rollers Low



Special Close Roller Centers

Roll Diameter	Sprocket	Min. Roll Centers	"A" Chain Guard Width
5	80A20	6 1/2"	7 3/4"
5	100A17	6 7/8"	9"

Load Capacity Chart

HP	Chain Driven Live Roller Bed @ 30 FPM	
	Total Uniform Load (Lbs.)*	
	Up to 20 feet	Up to 50 Feet

3	36,700	24,200
5	66,800	54,300

*Capacities bases on 75" effective width and 10" approximate roller centers for 5" diameter roller. Chain size dependent upon chain pull requirements.

OPTIONAL EQUIPMENT:

Built to Your Specifications:

Effective widths, lengths and roller spacing's listed in this catalog are only general guidelines. And variation is easily accommodated. Notches, special drive bases, multiple lanes, etc. can be provided. Conveyors can be built directly from your blueprints.

Drive Below and Within:

Reducer-motor unit mounted underneath conveyor and within the side frames

Conveying Speed:

Several constant and variable speeds are available. Variable speed options include DC motor and controller, AC frequency controllers and variable pitch sheaves. Note: Capacity is affected by speed change.

Spurs:

30° and 45° spars available. Built to customer requirements. Specify length of long rail and effective width. Refer to straight sections for roller, sprocket and frame combinations.

Other Rollers:

Other roller and bearing options are available

Every Other Roller Powered:

This option allows rollers to be spaced closer together. Example for 2 1/2 in. diameter rollers with 60A15 sprockets: With EVERY roller powered, roller centers are limited to 4 1/2in. to allow for sprocket clearance. With EVERY OTHER roller powered, 3 in. roller centers are possible. *Warning- Special safety consideration required.*

Powered Both Sides:

Allows rollers to be spaced closer together with every roller powered. Every other roller driven on one side and remainder of rollers driven on opposite side. Chain guards both sides. Specify effective width.

Coated Rollers :

Rollers available zinc plated, urethane coated or teflon coated.

Clutch:

Mounted between motor and reducer. Provides soft start and intermittent overload protection.

Brake:

Mounted between motor and reducer. Provides fail-safe stopping of conveyor when motor is not running.

Diverter Arm:

Divert flow of product from main conveyor line to spur line. Mounted to side of conveyor. Manual or pneumatically operated.

Pop-Up Stops:

Manual or pneumatically operated roller, blade or pin stops mounted to underside of conveyor. Raises above conveyor surface to stop product.

Other Equipment offered as accessory to CDLR:

Chain Transfers, Scissor Lifts, Chain Conveyor, Turn Tables, Transfer Cars