

MODEL "22CRR"

Chain Driven Live Roller Conveyor



- Wash down operations
- Oily conditions
- Positive drive — no belt slippage

STANDARD SPECIFICATIONS

Drive Chain - No. 40 roller chain on straight sections.

Bed - Conveying surface width 14", 16", 18", 24", 28", and 34". 3½" x 1½" x 10 gauge painted formed steel channel on one side, 5" x 1½" x 10 gauge formed steel channel on chain drive side. Sections are bolted together with butt couplings and floor supports.

Tread Rollers - 2" diameter x 12 gauge steel with #40 sprockets welded to roller tube, 7/16" hex shafts. Rollers spaced on 4", 6", 8" and 12" centers. Rollers are roller to roller driven.

Chain Guard - Chain guard is mounted to frame to totally enclose drive chain.

Center Drive - Mounted underneath conveyor, near center of section. Can be placed most anywhere in conveyor length. Specify.

Floor Supports - Adjustable 28" to 42" from floor to top of rollers. One support supplied at each end of conveyor and at each bed joint.

Speed Reducer - C-Face mounted heavy duty worm gear reducer.

Motor - ½ HP 230/460/3/60 TE motor.

Roller Speed - 60 FPM constant.

Capacity - Maximum load 150 lbs. per foot; maximum unit load 500 pounds. Not to exceed Load Capacity Chart.

OPTIONAL EQUIPMENT

Guard Rails - Adjustable channel, continuous channel, or solid steel guard rails available.

Floor Supports - Lower or higher supports are available. Minimum elevation 13" from floor to top of rollers.

Ceiling Hangers - ½" diameter threaded rods 8 feet long with locking nuts and mounting hardware. Other lengths are available.

Side Mounted Drive - Drive mounted to side of conveyor section. Specify side. Minimum elevation - 7" from floor to top of rollers.

Rollers Set Low - Tread rollers mounted low in 4½" x 10 gauge formed steel channel frame to form ¾" high guard rails.

Motor - Single phase, energy efficient, explosion proof, etc. Other HP available.

Roller Speed - Constant and variable roller speeds available.

Electrical Controls - Magnetic starters and push button stations; Manual motor starters with overload protection, others.

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Conveyor Length Size "A"	Conveying Surface	14"	16"	18"	24"	28"	34"
	Width Between Frames	17"	19"	21"	27"	31"	37"
	Overall Width	20"	22"	24"	30"	34"	40"
5'	Weight (lbs.) Based On 4" Roller Centers	393	406	418	454	477	507
10'		526	557	576	633	671	718
15'		692	740	759	840	894	960
20'		825	883	917	1019	1088	1171
25'		991	1058	1100	1226	1311	1413
30'		1124	1209	1258	1405	1505	1624
40'		1423	1535	1599	1791	1922	2077
50'		1722	1861	1940	2177	2339	2530
60'		2021	2187	2280	2563	2756	2983
70'		2320	2513	2622	2949	3173	3436
80'		2619	2839	2963	3335	3590	3889
90'		2918	3165	3304	3721	4007	4342
100'	3217	3491	3645	4107	4424	4795	

FOR 6", 8" OR 12" CENTERS DEDUCT THE WEIGHTS BELOW

Roller Centers	Between Frames Bed Length	17" B.F.		19" B.F.		21" B.F.		27" B.F.		31" B.F.		37" B.F.	
		5'	10'	5'	10'	5'	10'	5'	10'	5'	10'	5'	10'
6"	Weight Deduction (lbs.)	-25	-50	-28	-55	-30	-59	-36	-72	-40	-80	-45	-89
8"		-37	-74	-41	-81	-44	-87	-53	-105	-59	-118	-66	-132
12"		-49	-98	-55	-108	-59	-116	-71	-142	-79	-158	-89	-176

Load Capacity Chart

60 FPM	
H.P.	TOTAL LOAD
1/2	1625 Lbs.
3/4	2375 Lbs.
1	3025 Lbs.
1 1/2	3900 Lbs.

