

# MODEL "251CRR-3"

## Chain Driven Live Roller - 3" Centers



- Ideal for slip sheet applications
- 3" roller centers
- Handles pallets the "Hard Way"
- 4,000 lbs. capacity

### STANDARD SPECIFICATIONS

**Bed** - Conveying surface width 16", 20", 24", 28", 30", 34", 36", 40", 44", 48", 52", and 56". Heavy duty 4" and 4<sup>3</sup>/<sub>4</sub>" deep x 4 gauge powder painted formed steel channel frame with heavy duty cross braces. Frames are bolted together with butt couplings and floor supports.

**Rollers** - 2<sup>1</sup>/<sub>2</sub>" diameter x 11 gauge steel rollers, grease packed and labyrinth sealed bearing, <sup>11</sup>/<sub>16</sub>" hex shaft. Rollers are spaced on 3" centers and set <sup>1</sup>/<sub>4</sub>" high on side rail opposite chain drive.

**Drive Chain** - RC40 chain is used for roller connections.

**Floor Supports** - Heavy duty supports are adjustable 24<sup>1</sup>/<sub>2</sub>" to 34" from floor to top of roller. One support at every bed joint and end of conveyor. Formed angle knee braces are supplied for each support.

**Center Drive** - Mounted underneath conveyor near center of conveyor length. Minimum elevation with standard drive mounting is 18" to top of roller.

**Bearings** - Sealed prelubricated ball bearings.

**Chain Guard** - Chain guard is on one side only, extends <sup>7</sup>/<sub>8</sub>" above top of rollers. Lower chain guard is mounted on bottom of conveyor frame. Upper chain guard is mounted to top of conveyor frame to totally enclose drive chains.

**Speed Reducer** - Heavy duty, sealed worm gear reducer.

**Motor** - <sup>3</sup>/<sub>4</sub> HP 230/460-3-60 TE motor.

**Speed** - 30 FPM.

**Capacity** - 4,000 lbs. maximum distributed live load on any conveyor length.

**Maximum Conveyor Length** - Maximum conveyor length with one drive not to exceed 40 feet.

### OPTIONAL EQUIPMENT

**Floor Supports** - Lower or higher floor supports are available.

**Side Mounted Drive** - Motor-reducer unit can be mounted to side of conveyor frame. Drive is higher than conveyor frame. Minimum elevation to top of roller is 7".

**Conveyor Speed** - Other constant and variable speeds available. Contact factory.

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

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

**Rollers Set Low** - Rollers mounted in 4<sup>3</sup>/<sub>4</sub>" deep channel both sides. Rollers set low <sup>3</sup>/<sub>8</sub>".

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Bed Length	Conveying Surface	16"	20"	24"	28"	30"	34"	36"	40"	44"	48"	52"	56"
	Between Frames	20"	24"	28"	32"	34"	38"	40"	44"	48"	52"	56"	60"
	Overall Width	23"	27"	31"	35"	37"	41"	43"	47"	51"	55"	59"	63"
5'	Weights (lbs.)	446	480	516	551	568	604	623	656	691	727	763	799
10'		742	810	882	952	986	1058	1096	1162	1232	1304	1376	1448
15'		1038	1140	1248	1353	1404	1512	1569	1668	1773	1881	1989	2097
20'		1334	1470	1614	1754	1822	1966	2042	2174	2314	2458	2602	2746
25'		1630	1800	1980	2155	2240	2420	2515	2680	2855	3035	3215	3395
30'		1926	2130	2346	2556	2658	2874	2988	3186	3396	3612	3828	4044
35'		2222	2460	2712	2957	3076	3328	3461	3692	3937	4189	4441	4693
40'		2518	2790	3078	3358	3494	3782	3934	4198	4478	4766	5054	5342

