

TITANTM
CONVEYORS

Industrial Conveyor Specialists

Motorized Roller Conveyors



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Motorized Roller Conveyors

Motorized rollers (MDR) are conveyor rollers with their own internal motors. Each motor roller controls a small zone of free-turning rollers. This inherently modular design makes designing and building a Zero Pressure Accumulation Conveyor systems faster and easier than conventional conveyor system. Motorized Drive Roller conveyor systems are also easier to change and expand as your business needs change.

Only running when necessary, Motorized rollers may result in as much as 70% energy savings over line shaft, air operated, or chain driven conveyor. Lower maintenance costs due to reduced wear and tear is also a big return on investment comparable to conventional methods.

Motorized drive roller (MDR) technology is also safer than conventional conveyor. 24V Motor Roller are much quieter, and because individual rollers are low voltage, and lower torque, your warehouse staff are less likely to encounter accidental injury.

The advantages of the Motorized Roller Conveyor are:

- Modular design improves layout/easy to reconfigure
- Run on demand/less noise, wear, and energy
- Non-contact zero pressure/product protection
- Compact low profile/multi-level usage
- Reversible/less hardware required
- No scheduled maintenance/lower operating cost
- Improves working environment (quieter, safer, better ergonomics and cleaner operation)
- Lower power consumption
- Low voltage/safety and lower cost
- Simple installation/lower cost
- Soft start and stop/low G-forces
- Simplifies conveyor operations
- Improves material flow
- Variable speed/versatility to suit each requirement
- Choice of control level to meet needs and budget

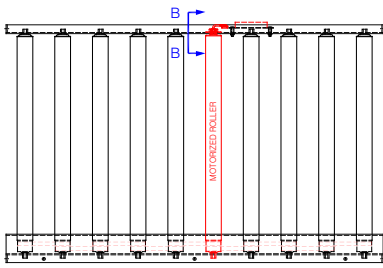


Controller Guard

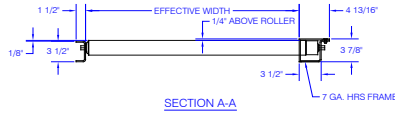
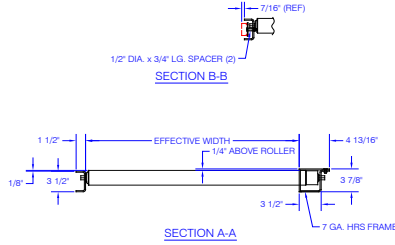
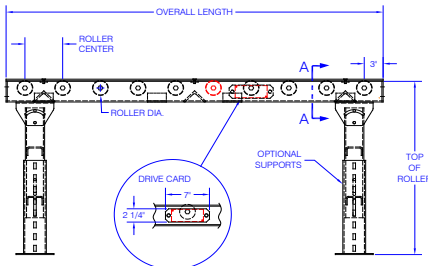
Belt or Chain Driven Motorized Roller Conveyor Specifications

	Model 519MR	Model 525MR	Model LSRMR
Effective Widths	13" to 40"	13" to 72"	13", 16", 22", 28", 34", 40"
Lengths	5' min.	5' min.	1' to 10'
Roller Size	1.9" Dia. x 16 ga. with 7/16" hex shaft	2.5" Dia. x 11 ga. with 11/16" hex shaft	1.9 Dia. x 16 ga.
Roller Center	4", 6", 8", 12"	6", 8", 12"	2 1/4", 3", 4", 6"
Frame	Formed 10 ga.	Formed 7 ga.	Formed 10 ga.
Drive	24 Volt DC	24 Volt DC	24 Volt DC
Roll to Roll Drive	Poly V Belt or 40# Chain	Poly V Belt or 50# Chain	Urethane Belt
OPTIONS			OPTIONS
Roller Space - Consult factory, Roller Center - Consult Factory, Galvanized or stainless construction, Speeds, Variable speed, Controls, Coated rollers, Paint, 2 or 3 strand chain transfers, Pallet lifts, "C" Face brake and Fixed end stop, UHMW sleeves and Knee braces, Air operated blade stop, Supports - 6" @ #8.2 structural channel,			Curves, Transfers, Cross overs, Wheel Diverts, Gates, Controls, Sensor rollers, Stops, Turning wheel, Traffic Cop, Accumulation, Plastic coated rollers

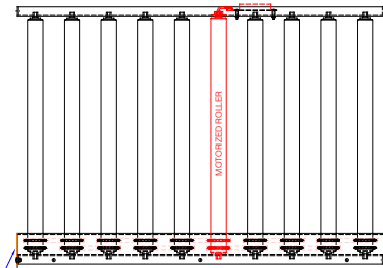
3 Drive Styles Available



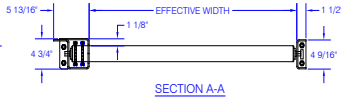
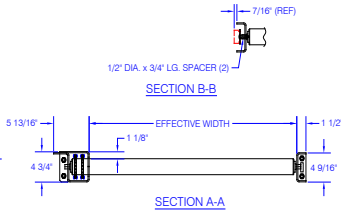
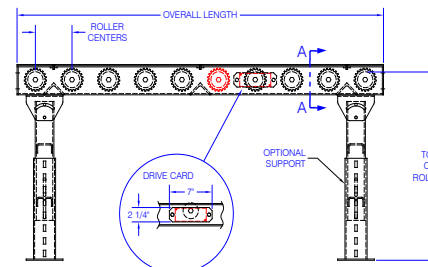
**Motorized Roller
Poly Flat Belt Drive**



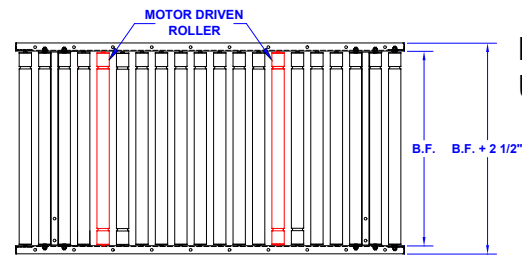
Poly Flat Belt Driven Roller



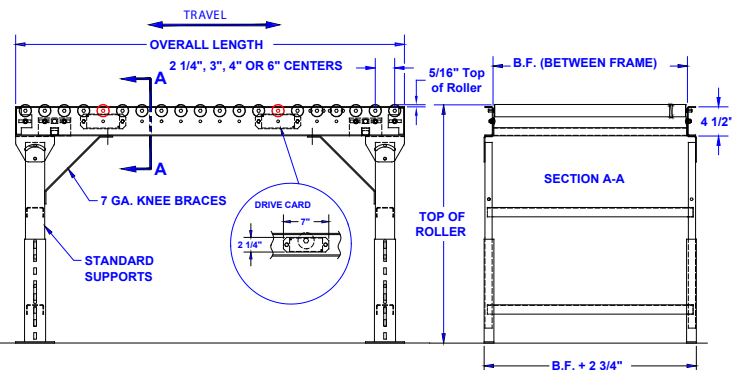
**Motorized Roller
Chain Driven Roller**



Chain Driven Roller



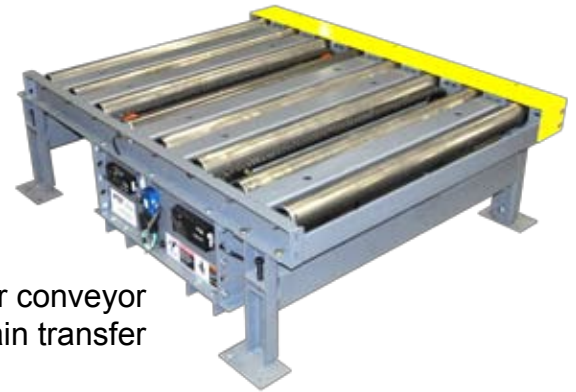
**Motorized Roller
Urethane Belt Drive**



Urethane Belt Driven Roller



Dual lane gravity with motorized roller on each end



Motorized roller conveyor with pop-up chain transfer



Motorized roller conveyor on lift



Motorized roller conveyor with pop-up belt transfer

Motorized roller conveyor with special siderails to shift & move product



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