Motorized Roller Conveyors

The TITAN Experience - Expect More

Designed for years of maintenance free operation in hostile environments

Proven Reliability
Low Maintenance
Quick Delivery

Since 1981
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

<table>
<thead>
<tr>
<th>Belt or Chain Driven Motorized Roller Conveyor Specifications</th>
<th>Model 519MR</th>
<th>Model 525MR</th>
<th>Model LSRMR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Widths</td>
<td>13” to 40”</td>
<td>13” to 72”</td>
<td>13”,16”, 22”, 28”, 34”, 40”</td>
</tr>
<tr>
<td>Lengths</td>
<td>5’ min.</td>
<td>5’ min.</td>
<td>1’ to 10’</td>
</tr>
<tr>
<td>Roller Size</td>
<td>1.9” Dia. x 16 ga. with 7/16” hex shaft</td>
<td>2.5” Dia. x 11 ga. with 11/16” hex shaft</td>
<td>1.9 Dia. x 16 ga.</td>
</tr>
<tr>
<td>Roller Center</td>
<td>4”, 6”, 8”, 12”</td>
<td>6”, 8”, 12”</td>
<td>2 1/4”, 3”, 4”, 6”</td>
</tr>
<tr>
<td>Frame</td>
<td>Formed 10 ga.</td>
<td>Formed 7 ga.</td>
<td>Formed 10 ga.</td>
</tr>
<tr>
<td>Drive</td>
<td>24 Volt DC</td>
<td>24 Volt DC</td>
<td>24 Volt DC</td>
</tr>
<tr>
<td>Roll to Roll Drive</td>
<td>Poly V Belt or 40# Chain</td>
<td>Poly V Belt or 50# Chain</td>
<td>Urethane Belt</td>
</tr>
</tbody>
</table>

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,

OPTIONS

Curves, Transfers, Cross overs, Wheel Diverts, Gates, Controls, Sesnor 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

Industrial Conveyor Specialists

Website: www.titanconveyors.com
Email: sales@titanconveyors.com

Authorized Distributor

Bulletin 420 MR