

Motorized Power Roller

Motorized Power Roller (MPR) conveyor utilizes 24 Volt DC motorized rollers and provides non-contact zero pressure accumulation conveyance. The modular design of MPR enables easy integration with curve, spiral, transfer, diverter and incline/decline modules to support numerous system applications. MPR is configured with individually powered zones that only run when product is detected by photo-eye sensors, which are mounted in each zone. MPR also provides lower energy consumption operations compared to other conveyor systems.

Technical Data:

<p>Widths:</p> <ul style="list-style-type: none"> Nominal Widths (NW) offered are 19", 25", 32" and 37" Available Between Frames (BF) widths are 15", 21", 28" and 33" 	<p>Lengths:</p> <ul style="list-style-type: none"> Bed Sections available in lengths ranging from 30" to 120" in 3" increments Bed Sections are joined with splice plates to obtain desired system lengths 	<p>Rollers:</p> <ul style="list-style-type: none"> 1.9" diameter, 16 gauge galvanized, 2 grooved, carrying rollers with 7/16" hex axles Roller spacing in 3" increments as a standard
<p>Drive Rollers:</p> <ul style="list-style-type: none"> 24 Volt DC brushless powered roller w/ external motor drive card mounted to bed frame 1.9" diameter, 7/16 hex axle 	<p>Speed:</p> <ul style="list-style-type: none"> Variable increments ranging from 55 to 237 feet per minute 	<p>Load:</p> <ul style="list-style-type: none"> 100 lbs per linear foot as a standard Contact NACI for larger load requirements
<p>Frame:</p> <ul style="list-style-type: none"> Roller Set Low (RSL) - 7¼" deep formed 12 gauge steel channel, 2" flange Roller Set High (RSH) - 5¼" deep formed 12 gauge steel channel, 2" flange Powder coated NACI Blue as a standard 	<p>Controls/ Photo-Eyes:</p> <ul style="list-style-type: none"> Conveyors are provided complete with control cards, wiring/ cabling and photo-eye sensors All zones are wired with photo-eye sensors and 30" zone lengths as a standard 	<p>Supports/ Side Rails:</p> <ul style="list-style-type: none"> Optional floor or ceiling supports available on maximum 120" centers Optional 1¼" diameter side rails available for RSH frames

Features:

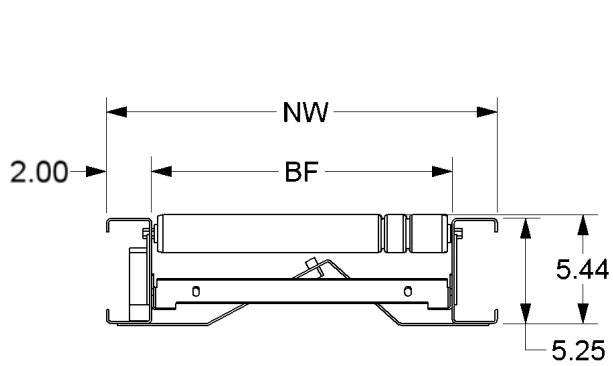
- Non-Contact Accumulation
- Quiet Operation
- Easy to Maintain
- Safe 24V DC Operation
- Low Energy Consumption
- Plug and Play Design
- Reduced Installation Time

Applications:

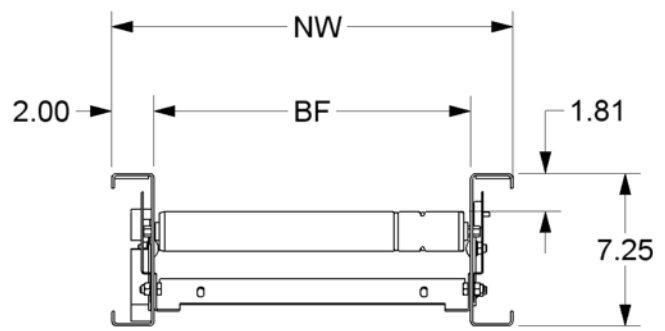
- Transportation
- Accumulation
- Assembly
- Sortation
- Staging

Options:

- Custom Widths
- Flexible Zone Lengths
- Floor/ Ceiling Supports
- Side Rails, RSH Only
- Incline/ Decline
- Belt-Over-Roller
- 30° or 45° Merge



Roller Set High (RSH)



Roller Set Low (RSL)

