

Roller Gravity Conveyor (RG)



These pre-engineered conveyors are ideally suited for transporting light and medium duty loads. This versatile system provides you with a roller surface that is spaced to effectively handle a wide range of products including rigid, soft or fragile materials without problems. It's designed to transport all types of materials, in all kinds of shapes and sizes from point to point, effortlessly, smoothly, quietly and quickly.

Automotion's Roller Gravity Conveyors are economical, durable, safe to use and meet your requirements in moving goods and materials for loading and unloading at shipping and receiving centers and at station-to-station locations.

Automotion's Roller Gravity Conveyors are simple units, feature galvanized rollers and are virtually maintenance-free. Like all other Automotion conveyors, the quality is built-in.



Mechanical Characteristics

Bed Section

Medium Duty: 3-1/2" Deep x 1-3/8" Flange x 10 Gauge channel, bolted frame construction.

Light Duty: 2-1/2" Deep x 1-3/8" Flange x 12 Gauge channel, bolted frame construction. Available in 18" and 24" widths only.

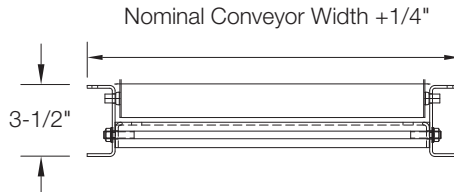
Galvanized Rollers

Medium Duty: 1-7/8" Diameter, 16 Gauge, carrying rollers with 7/16" hex axle.

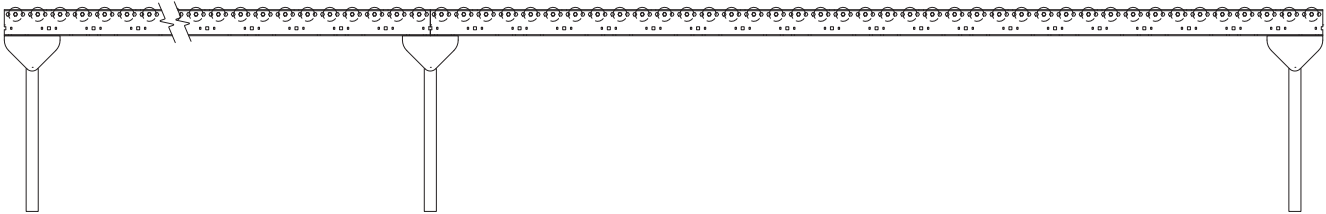
Light Duty: 1-3/8" Diameter, 18 Gauge, carrying rollers with 1/4" round axle.

Technical Details

Section View



Elevation View



Specifications

Typical Applications

- Transportation / Accumulation
- Buffer
- Workstation
- Directional Changes
- Elevation Changes (decline only)

Live Load Capacity

Light Duty: Up to 50 lbs/ft. depending on width, roller centers, supports, etc.

Medium Duty: Up to 100 lbs/ft. depending on width, roller centers, supports, etc.

Nominal Widths

18", 24", 30" and 36"

Between Rail Widths:

15-1/2", 21-1/2", 27-1/2" and 33-1/2"

Roller Centers:

2", 3" and 4"

Options

- Guard Rails and Supports
- Air Operated Stops (with or without solenoid)
- Hand Operated Stops
- Foot Operated Stops
- Splice Angles
- End Cover / Stop
- Roller End Stops
- Air Operated Brakes
- Urethane Coated Rollers
- Powder Coat or Galvanized Finish