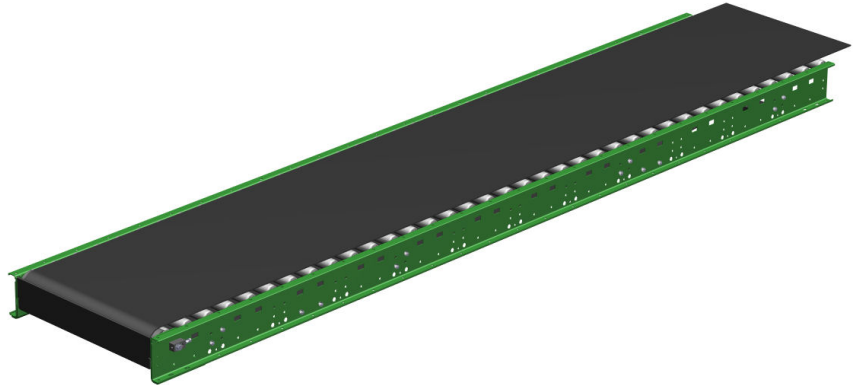


## Model 9410 Belt-on-Roller Conveyor

- Rugged
- Versatile
- Wide range of widths

9410 Belt-on-Roller conveyor handles loose and irregular-shaped products and relatively heavy loads over a long distance. Shares drive and end pulley assemblies with 9405 slider beds, which can be combined with 9410 beds in a single unit.



Characteristic	Description
Operation	Two-way, horizontal, incline or decline. No accumulation.
Operating temperature	0° - 45° C (32° - 113° F); For applications near freezing, an air dryer is required. 15-25% additional system power and freezer rated (FR) bearings are recommended to avoid sluggish starts.
Capacity	132 lb/ft (214 kg/m) maximum; 200 lb (90 kg) product maximum.
Speeds	40 – 540 fpm (0.2 – 3.0 mps) fixed speeds in 10-fpm increments. VFD optional.
Drives	522 drive with 8" dia. drive pulley on a 2-7/16" dia. shaft with 1-7/16" dia. bearings. Taperlock construction pulley available if required. Chain final drive optional.  1000 lb drive with 12" dia. pulley on 2-15/16" dia. shaft with 2-7/16" dia. bearings.  Self-aligning pulleys have molded-on, flat lagging.
Motor and reducer	1 through 10 hp. Van der Graaf drum motor optional.
Drive belt take-up	4" (100 mm) dia. take-up pulley with lifetime grease packed, sealed ball bearings mounted to a fixed shaft. Maximum belt take-up is 25" (635 mm).
Drive belt	PHL or PVC type polyester carcass with low-friction bottom and top surface based on application. Belt width is 2" or 4" less than between-frame width.
Bed lengths in inches (mm)	23-7/8 (606), 35-7/8 (1133), 47-7/8 (1216), 71-7/8 (1826), 95-7/8 (2435), 143-7/8 (3654)
Bed widths in inches (mm)	Standard: 19 (483), 25 (635), 31 (787), 37 (940), 43 (1092) Metric: 21-1/2 (545), 29-3/8 (745), 35-9/32 (895)
Between frame widths in inches (mm)	Standard: 16 (406), 22 (559), 28 (711), 34 (864), 40 (1016) Metric: 18-1/2 (470), 26-3/8 (670), 32-9/32 (820)

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Characteristic	Description
Frame	Captured Roller High – 12-gage, 6-7/16" (164 mm) deep side channels Captured Roller Low – 12-gage, 8-1/2" (216 mm) deep side channels
End pulleys	4" (100 mm) dia. spun pulley with 1-7/16" dia. fixed shaft for speeds below 300 fpm or 4" machined pulley for speeds above 300 fpm.
Return rollers	1.9" (48 mm) dia. 16 gage galvanized steel and 7/16" hex axle.
Bed options	Available with rollers on 4-inch, 6-inch, or 8-inch centers.
Power tail	Main line conveyor drives the power tail with 3" and 4" pulleys and synchronized HT belt and sprockets. Unit adjusts from horizontal to a decline angle of 20°.
Nose-over	Painted, 10-gage, one-piece side channels with 2-3/16" dia. carrier rollers.

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