



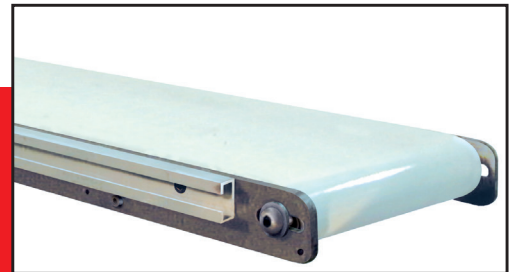
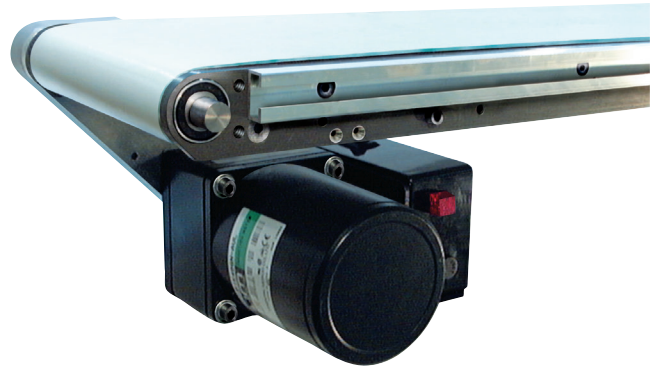
CONVEYING RAILS

LOW PROFILE CONVEYORS

Industrial Duty Magnetic & Non-Magnetic Low Profile Conveyors

Low Profile Conveyor Specifications:

- » Anodized aluminum, precision machined frame
- » 3/8" machined aluminum slider bed (non-magnetic)
- » Precision crowned aluminum pulleys
- » Double-sealed metric style pulley bearings for long term durability and superior performance
- » T-slot aluminum extrusion on each side for easy accessory mounting and adjustments
- » Choose from a wide variety of standard smooth surface and cleated belts. See Belt Selection Chart on opposite page.
- » The LPC series conveyors have a maximum load-carrying capacity of 60 lbs.
- » Operating load capacity* for the LPC conveyors is dependent on the conveyor size, incline, drive package and other application specific factors



FEATURES:

- » Available in Magnetic and Non-Magnetic models
- » Standard sizes to match your application requirements
- » Low overall clearance design requires minimal space for installation
- » Magnetic unit circuits are the same width as the belt to hold parts firmly from edge to edge
- » Low profile design allows for fast belt replacement, reducing downtime
- » Oil and abrasion resistant urethane belts
- » Endless belts for longer belt life and less maintenance
- » Crowned take-up pulleys for accurate belt tracking
- » Designed for easy tracking and take-up adjustments
- » Crowned drive pulleys are knurled for positive belt traction and accurate alignment
- » Gang or individual drive options are available

TOLL FREE **1.888.582.0823** imi@magnetics.com



CONVEYOR RAILS

LOW PROFILE CONVEYOR OPTIONS

NON-MAGNETIC

LPC GEARMOTOR SELECTION LPC BELT SELECTION

Fixed Speed Gearmotors

| Variable Speed | Speed F.P.M. | *Load Capacity | HP Amps. | Motor Part No. |
|----------------|--------------|----------------|-------------|----------------|
| 7-22 | 23 | 110 lbs. | 1/18 - 0.75 | 025B |
| 10-31 | 32 | 60 lbs. | 1/18 - 0.75 | 018B |
| 20-61 | 65 | 30 lbs. | 1/18 - 0.75 | 009B |
| 3-8 | 8 | 150 lbs. | 1/30 - 0.49 | 075A |
| 5-15 | 16 | 70 lbs. | 1/30 - 0.49 | 036A |
| 10-31 | 32 | 30 lbs. | 1/30 - 0.49 | 018A |
| 12-37 | 39 | 130 lbs. | 1/8 - 0.33 | 015D |
| 24-74 | 78 | 60 lbs. | 1/8 - 0.33 | 007D |
| 70-194 | 196 | 10 lbs. | 1/8 - 0.33 | 003D |

Part No. Belt Type & Description

- U1 Standard Urethane:** 85 durometer surface resists cuts and abrasions. 0.063" thick belt features athermally-welded splice. This belt is ideal for many applications and can handle hot parts up to 212°F.
- U2 Sealed Urethane:** 93 durometer top & bottom belt surfaces with sealed edges are very resistant to cuts and abrasions. 0.079" thick belt features a thermally welded splice. This rugged belt is ideal for wet & dirty applications and can handle hot parts up to 212°F
- P1 Standard PVC:** Low friction surface with black matte finish. Not for use with sharp parts. 0.079" thick belt features a thermally-welded splice. This general use belt is well suited for product accumulation and can handle hot parts up to 190°F
- P2 Economy PVC:** 80 durometer surface with green finish. 0.083" thick belt features a thermally-welded splice. This general purpose belt is suited for light duty conveying and can handle parts up to 158°F.
- F1 Grey Friction:** This high traction belt is suitable for inclined transport of light, flat parts & packaged goods. This belt allows for 20° to 30° incline angles depending on the amount of dirt, grime, oil or contaminant's on the belt. Featuring a thermally-welded splice this 0.083" thick belt can handle parts as warm as 158°F.
- CB Cleated Belts:** These belts are used for spacing, timing and elevating product. Various profiles are available for U1, P1 & F1 type belts. Consult the factory for belt selection of cleated belts.

Gearmotor & Motor Mounting Selection Chart:
X X-XXXX - XX - XX

| | | | | |
|--|---|-----------------------------------|--|---|
| *Motor Mount Position L = Left R = Right | Motor Mount Style **S = Side R = Remote | Motor Part No. Style See Chart | Voltage VAC 20 = 115/60/1Ph 21 = 230/60/1Ph 23 = 230/60/3Ph | Motor Wiring FS = Fixed Speed Module VS = Variable Speed Module TB = Terminal Box Only |
|--|---|-----------------------------------|--|---|

*Determined by viewing the conveyor from the drive end.
** Side mount not available for 1/18 HP drive motors.
Note: For additional drive motor & motor mounting specifications, please call the factory.

Optional LPC Conveyor Accessories

- Custom Drive Shafts:** 1/2" dia. custom length and/or stainless steel
- Adjustable Guide Rail Brackets:** Attaches to conveyor T-Slot and is available in two sizes
- T-Nuts:** For easy mounting of accessories
- Adjustable Height Brackets:** Extruded aluminum available in 3 height ranges
- Universal Stand:** Universal width stand with black urethane paint. Features adjustable width & height with swivel adjustment for up to 30° of incline.
- Helical Shaft Coupler:** Provides angular flexibility with little backlash (1/2" shaft to 1/2" shaft)
- Guide Rails & Side Fences:** Extruded aluminum with two heights available
- Flush Mount:** mounts conveyor flush to another surface
- Single Base Stand:** Ideal for restricted spaces and is similar construction to universal stand. Features adjustable width & height with swivel adjustment for up to 30° of incline.

Key Markets

Stamping, Fabrication, Punching, Canning, Plastics

Related Products

Transporters, Demagnetizers, Transfer Rail