

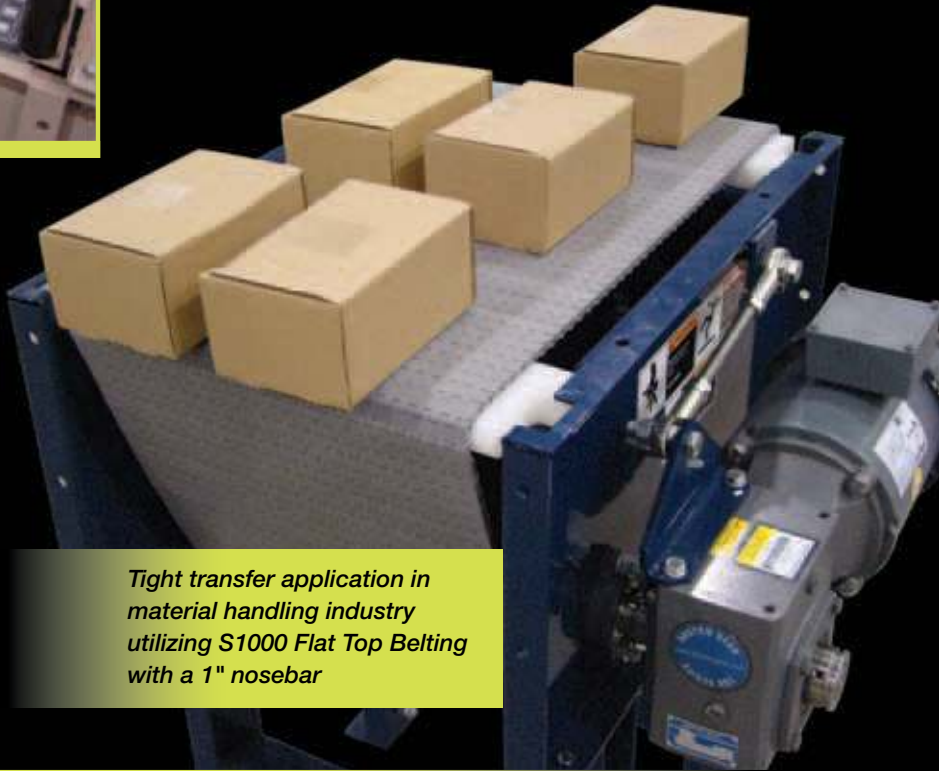
MULTIPLE INDUSTRIES AND APPLICATIONS



Green tire divert conveyor in the tire industry utilizing S400 Transverse Roller Top (TRT) Belting



Incline application in the warehousing and distribution industry utilizing S900 Friction Top Belting



Tight transfer application in material handling industry utilizing S1000 Flat Top Belting with a 1" nosebar

Omni Metalcraft Corp's Modular Plastic Belt conveyor line is an extremely versatile conveying solution that can satisfy a wide array of applications and industries.

- *Positively sprocket driven*
- *Low tension drive*
- *Minimal maintenance*
- *Multiple material handling solutions*



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VALU-LINE S400 MODEL NUMBER NOMENCLATURE

VL400 [] - [] X [] - [] - [] - []

BELT SERIES BELT TYPE BELT WIDTH CONVEYOR LENGTH BELT SPEED HP TOB

FT = FLAT TOP
 FG = IN-LINE ROLLER TOP
 FFT = TRANSVERSE ROLLER TOP
 (Other belt types are available)

12", 18", 24", 30", 36", 42"
 (Other belt widths are available in 1" increments)

4', 5', 6', 7', 8', 9',
 10', 15', 20'
 (Other conveyor lengths are available)

60, 90, 120 FPM
 (Other speeds are available)

033 = 1/3 HP
 050 = 1/2 HP
 075 = 3/4 HP
 100 = 1 HP
 150 = 1 1/2 HP
 200 = 2 HP

24" - 60" w/±2" ADJ
 (Other heights are available)

VALU-LINE S900 MODEL NUMBER NOMENCLATURE

VL900 [] - [] X [] - [] - [] - []

BELT SERIES BELT TYPE BELT WIDTH CONVEYOR LENGTH BELT SPEED HP TOB

FT = FLAT TOP
 FG = FLUSH GRID
 FFT = FRICTION TOP
 (Other belt types are available)

12", 18", 24", 30", 36", 42"
 (Other belt widths are available in 1" increments)

4', 5', 6', 7', 8', 9',
 10', 15', 20'
 (Other conveyor lengths are available)

60, 90, 120 FPM
 (Other speeds are available)

003 = 1/3 HP
 005 = 1/2 HP
 007 = 3/4 HP
 010 = 1 HP
 015 = 1 1/2 HP
 020 = 2 HP

24" - 60" w/±2" ADJ
 (Other heights are available)

SPECIFICATIONS:

- Construction:** Welded, powder-coated
- Frame:** 7 1/2" x 1 1/2" x 10 ga. formed channel with open style bed construction and UHMW wearstrips attached to vertical steel bars
 14" x 1 1/2" x 10 ga. formed channel frames on VL1000 series when utilizing 1" nosebar option
- Belt Takeup:** Catenary type located on belt return path
- Drive Sprockets:** 6" nom Ø, with 1 1/2" square shafting
- Tail Sprockets:** 4" nom Ø, with 1 1/2" square shafting
- Bearings:** Precision, heavy duty, lubricated ball bearing flange mount units with cast iron housings

- Drive Package:** Chain driven end drive, located at the discharge end (which allows for one direction operation) with Boston Gear worm gear speed reducer, and 230/460-3-60 Hz inverter duty motor. RC50 chain is utilized for 1 HP or less, and RC60 chain is utilized on larger HP drives. Chain takeup is provided on motor base.
- Leg Supports:** Welded 3" structural channel leg supports, providing ±2" of adjustment, on a maximum of 10' leg centers.

SERIES 400



Flat Top

- Medium pressure accumulation
- Varied product foot print
- Durable belt carcass

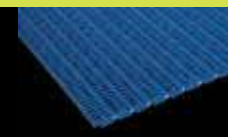
Inline Roller Top

- Low pressure accumulation

Transverse Roller Top

- 90 degree product transfer
- Tire or package merging

SERIES 900



Flat Top

- Medium pressure accumulation
- Varied product foot print
- Durable belt carcass

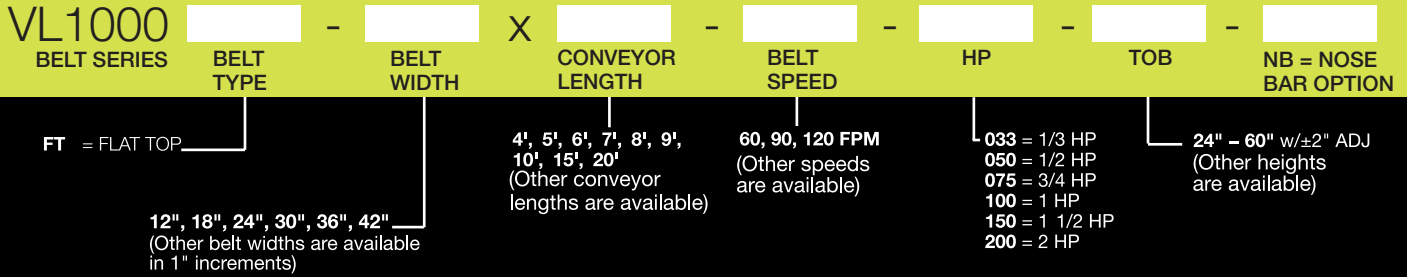
Flush Grid

- Meat and poultry transportation
- Fruit and vegetable transportation
- Washdown applications

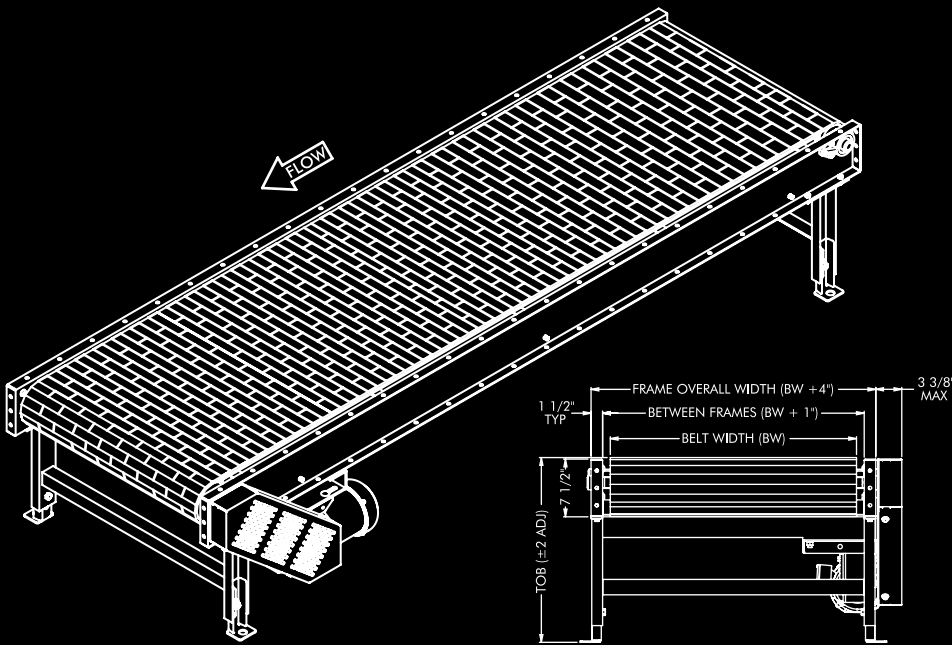
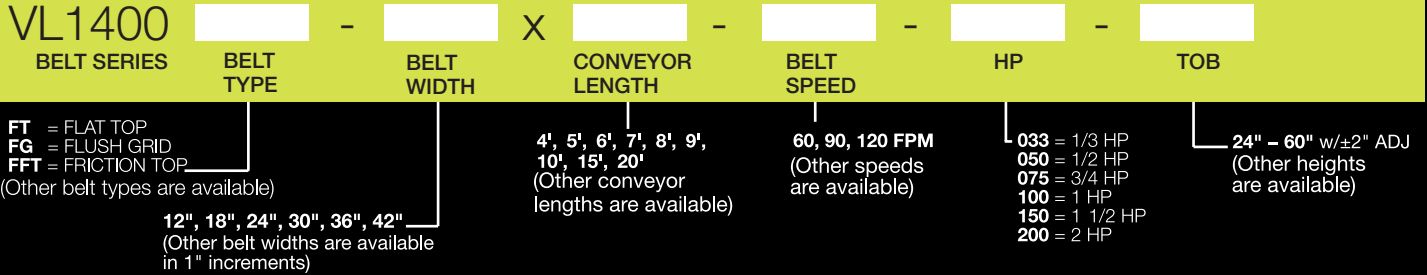
Friction Top

- Inclines and declines
- Helps maintain product orientation
- Increased grip on product

VALU-LINE S1000 MODEL NUMBER NOMENCLATURE



VALU-LINE S1400 MODEL NUMBER NOMENCLATURE



OPTIONS:

Casters:

Casters are available for portability

Drive Options:

Shaft mount reducer and motor, center driven (for reversing direction applications)

Side Guides:

Valu-Guide® UHMW or bead rail guides, formed angle, formed channel, UHMW lined

Electrical Controls:

Soft starts are recommended on all plastic belt conveyors, AC VFD controllers, DC motors and controllers

Stainless Steel:

Conveyors are available in stainless steel materials for washdown applications or harsh environments

SERIES 1000



Flat Top

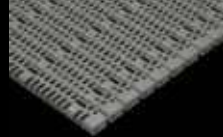
- Capable of transfer over 3/4" nosebar
- Superior mini-pitch belt strength
- Medium pressure accumulation

SERIES 1400



Flat Top

- Medium pressure accumulation
- Great for glass applications
- Ideal for container handling applications



Flush Grid

- Ideal for carrying medium to heavy loads
- Open design allows for water or small debris to fall through the belt



Friction Top

- Provides improved product grip
- Permits steeper inclines and declines
- Ideal for heavy duty applications needing additional product grip

OmniMetalcraftcorp.

For more information visit www.omni.com

MODULAR PLASTIC BELT CONVEYORS BUILT FOR MULTIPLE INDUSTRIES AND APPLICATIONS

Elevation change application in the warehousing and distribution industry utilizing S2200 Radius Friction Top Belting



Hamburger bun flipping conveyor in the baking industry utilizing S100 Flat Top Belting



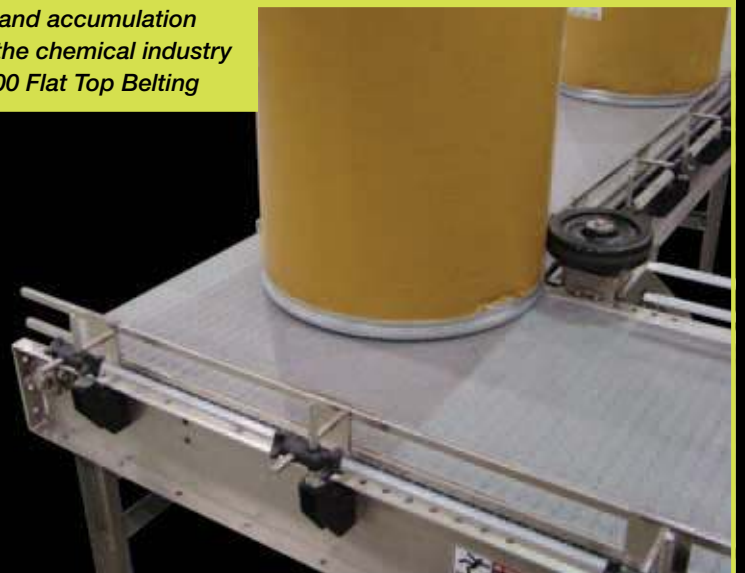
Sanitary feed conveyor in the food processing industry utilizing S1600 Flat Top Belting



INDUSTRIES:

- Warehousing and distribution
- Snack food
- Bakery
- Beverage
- Can-container
- Fruit and vegetable
- Material handling
- Meat
- Poultry
- Seafood
- Tortilla

90° Transfer and accumulation conveyor in the chemical industry utilizing S1400 Flat Top Belting



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