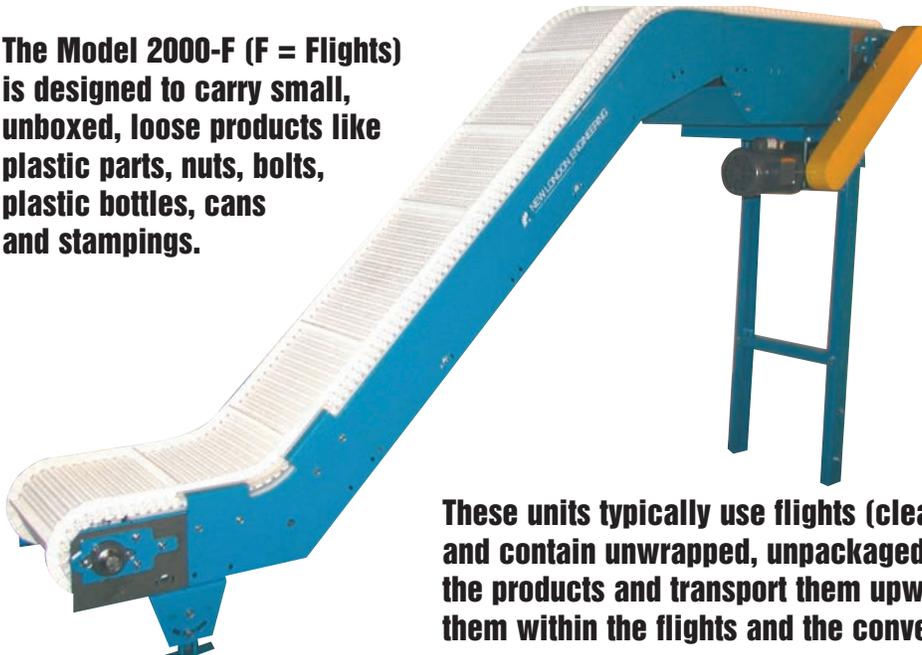


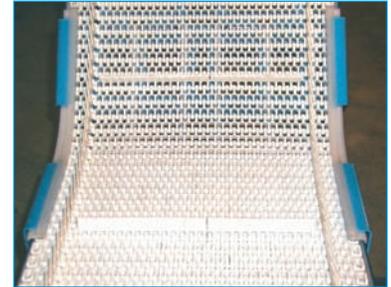
# MODEL 2000-F Flighted Plastic Belt Conveyors



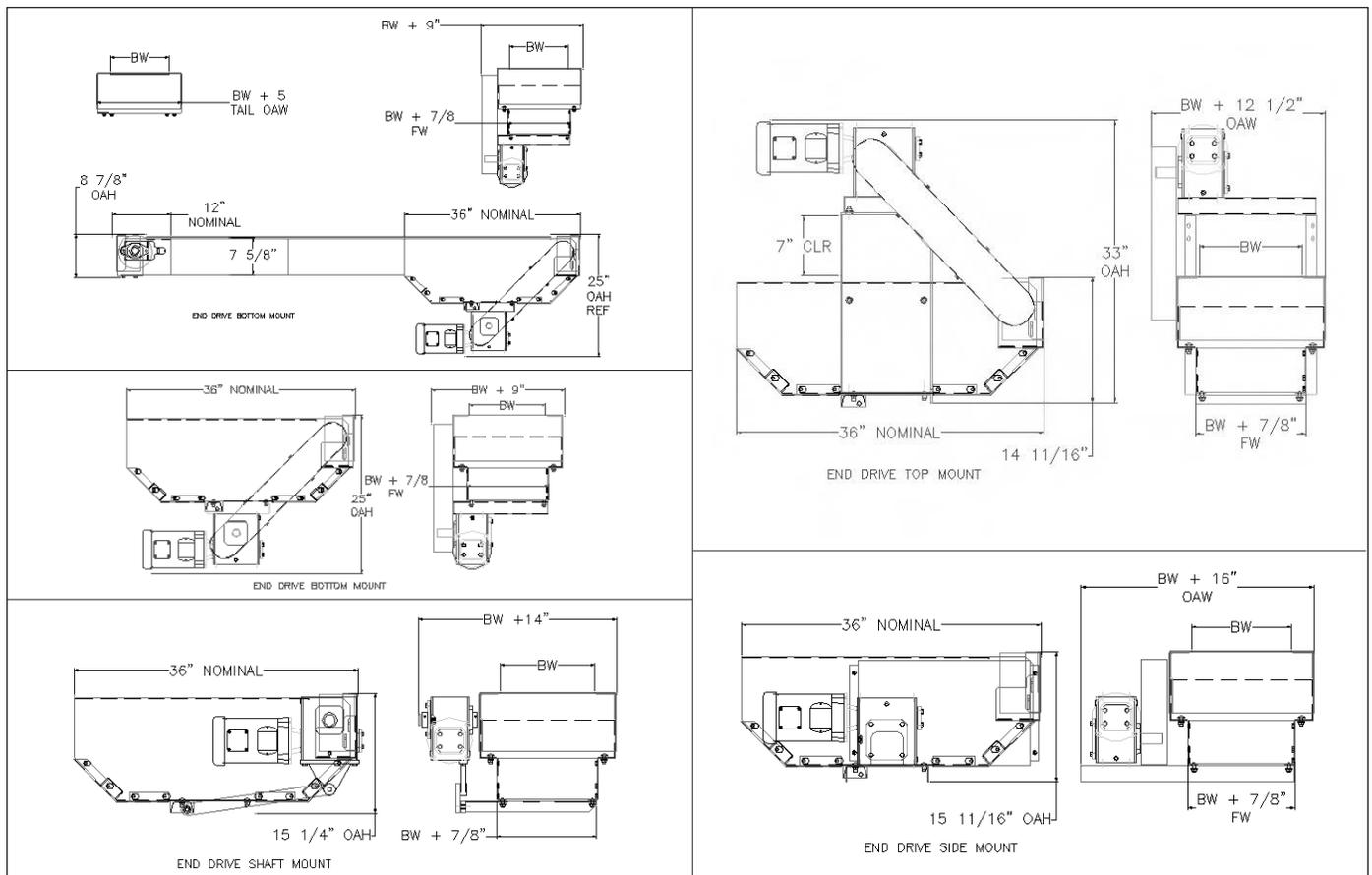
The Model 2000-F (F = Flights) is designed to carry small, unboxed, loose products like plastic parts, nuts, bolts, plastic bottles, cans and stampings.



This is a photo of the hold down shoes at the lower curve.



These units typically use flights (cleats) and sideguards to catch, carry and contain unwrapped, unpackaged items. The flights catch and carry the products and transport them upwards while the sideguards contain them within the flights and the conveyor sides.



For a larger version of a drawing or to print a copy see our website at [WWW.NLECO.COM](http://WWW.NLECO.COM) and click on DRAWINGS

## Model 2000-F Specifications

**Frame:** 10 Gauge x 7-5/8" Deep (Flights up to 1" high will fit in the standard 7-5/8" deep frame)

**Frame Width:** BW + 7/8"

**Frame Spreaders:** 10 Gauge Formed Channel

**Shafts:** 1-1/2" Square Shafts

**Return Rollers:** 2-1/2" Diameter x 11/16" Hex

**Wear Strips\*:** Available in Both Straight and Chevron Style Arrangements

**Other:** ACT System (Application Change Technology) see page 135

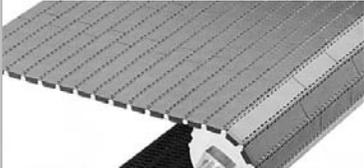
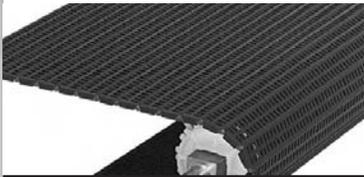
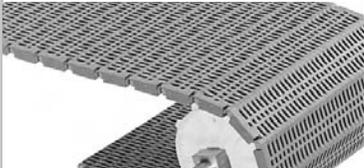
# MODEL 2000-F Flighted Plastic Belt Conveyors



## Model 2000-F Standard Flighted Plastic Belts

**Flat Top Belts** – This belt’s smooth, flat and totally closed surface is ideal for conveying small products that may get caught in the open surface of a flush grid. They are also used in applications where product tipping or falling may cause a problem.

**Flush Grid Belts** – The flush grid belt’s open surface makes them ideal for use in applications where air flow and/or liquid drainage are required. Flush grid belts are lighter than flat top belts, which makes them more suitable for long, wide conveyor runs. With less surface contacting products, friction is reduced so flush grid belts can also be used for slight accumulation and lateral movement applications. A flush grid belt is **not** recommended when the product is very small or has an uneven surface because these products may get caught in the flush grid belt’s open areas. They are also 3-5% cheaper than flat tops.

INTRALOX BELT SERIES	BELT APPLICATIONS	OPTIONS
900 Flat Top 	The series 900 belt is ideal for <b>low impact</b> applications and for transporting <b>small lightweight</b> products like plastic bottles and bottle caps and small screws, nuts, bolts or washers. This lightweight 1" pitch belt facilitates tight transfers and produces low chordal action* for smoother operation at higher conveyor speeds.	Flights – Available in 1, 2, 3" high flights  (1" & 3" flights shown) 
900 Flush Grid 		Sideguards*** Available in 2" high sideguards only 
400 Flat Top 	The series 400 is ideal for <b>high impact</b> applications and for transporting <b>heavier</b> products like scrap metal, slugs or filled cans or plastic bottles. This <b>thick 2" pitch</b> belt has superior pull strength and added beam strength, making it ideal for <b>exceptionally long and wide</b> conveyor runs.	Flights – Available in 1, 2, 3, 4, 6" high flights (1", 2" & 3" flights shown) 
400 Flush Grid 		Sideguards**** Available in 2, 3, 4" high sideguards 

### Belt Specifications (\*) (\*\*) (\*\*\*) See Definition Page on page 136

INTRALOX BELT SERIES	PRICE COMPARED TO M2000 BELTS**	PRICES COMPARED TO BELTS IN THIS TABLE** (900 vs. 400)	BELT MATERIAL*	BELT PITCH*	BELT THICKNESS
900 Cleated Flat Top	\$	\$	PP	1.07"	.385"
900 Cleated Flush Grid	\$				
400 Cleated Flat Top	\$	\$\$	PP	2.00"	.625"
400 Cleated Flush Grid	\$				

\*\*\* The smaller the product the larger the sprocket should be used. When going around the 6, 9, and 10 tooth sprockets, the sideguards will fan out, opening a gap at the top of the sideguard which might allow small products to fall out. The sideguards stay completely closed when wrapping around the 12 tooth and larger sprockets.

\*\*\*\*The smaller the product the larger sprocket should be used. When going around the 6 and 8 tooth sprockets, the sideguards will fan out, opening a gap at the top of the sideguard, which might allow small products to fall out. The sideguards stay completely closed when wrapping around the 10, 12, and 16 tooth sprockets.