



BL CONVEYOR

The PPM Technologies BL Conveyor is long known for its reliability and longevity in the food processing industry. This simple, mechanically driven conveyor can be found throughout processing facilities from orienting corn to grading French fries. The BL Conveyor provides a versatile means for screening, dewatering and orientation for many processing applications.

DURABLE, VERSATILE DESIGN

Designed for high volume or heavy head load applications, the BL Conveyor fits a variety of application needs. The unit can be easily customized with various screens and rod decks optimizing the performance of your processing line.

With a variety of options, the BL Conveyor is easily customized to suit a variety of applications. Standard designs for cutter feeds and three lane take-away conveyors are available with feed capabilities of up to 14 cutters with a single unit.

The soft-start drive system reduces the power consumption per ton of product handled. It requires only one fourth the horsepower of a positive drive system. And, permits conveyor lengths up to 100' (30m) with a single drive. This is due to the reduced thrust loads on the drive components due to the rubber shear coupling design.

Standard, specialized designs are available for nubbin eliminators. Incorporating a similar rubber shear coupling drive, these conveyors are available in widths up to 84" (2130mm). This design aligns the corn ears and reduces the amount of nubbins fed through the system improving performance of cutting systems.

With options for laning, screening and dewatering, the BL Conveyor provides numerous options to customize the conveyor for your specific application need.



SUPERIOR FEATURES

- Simple mechanical design
- Soft-start drive system
- Numerous options to suit a variety of application needs





BL CONVEYOR

PRIMARY MARKET SEGMENTS

- Fruits
- Vegetables
- Pet Food
- Snacks

COMMON APPLICATIONS

- Cutter Feeds
- Dewatering
- Nubbin Eliminators
- Orienting
- Scalping
- Size Grading (diameter)
- Size Grading (length)



SPECIFICATIONS

CONSTRUCTION:

12 gauge stainless steel contact surfaces

LENGTH:

Up to 100' (30m)

WIDTH:

Up to 144" (3,6m)

POWER REQUIREMENTS:

230V/60Hz/Three Phase

460V/60Hz/Three Phase

OPTIONS:

- Dewatering
- Flared Infeed
- Pneumatic Gates
- Screening
- Spreading Lanes

Americas—PPM Technologies LLC

500 E. Illinois Street | Newberg OR 97132 | USA
800.246.2034 | 503.538.8575 fax
info.na@ppmtech.com

Europe | Middle East | Africa—PPM Technologies LLC

Axis 40 Oxford Road | Stokenchurch
NR High Wycombe | Buckinghamshire HP14 3SX
+44 1494 682800 | +44 1494 682801 fax
Info.eu@ppmtech.com

Asia—PPM Technologies LLC

3/F Taiseido Bldg | 2-4-7 Hongo
Bunkyo-ku | Tokyo 113-0033 | JAPAN
+81 3 5842 3031 | +81 3 5842 3032 fax
info.asia@ppmtech.com

NUBBIN ELIMINATOR

Lanes	Capacity	Width	Length
14	29tph	36" 910mm	11'4" 3450mm
18	39tph	48" 1220mm	12'-0" 3660mm
22	45tph	58" 1470mm	12'-0" 3660mm
28	56tph	74" 1880mm	12'-0" 3660mm
32	62tph	84" 2130mm	12'-0" 3660mm

GRADERS

Capacity French Fries	Capacity Green Beans	Width	Length
20,000lbs/hr 9,100kg/hr	14,000lbs/hr 6,400kg/hr	21" 530mm	15'-0" 4,600mm
22,500lbs/hr 10,200kg/hr	16,000lbs/hr 7,300kg/hr	24" 610mm	15'-0" 4,600mm
34,000lbs/hr 15,400kg/hr	21,000lbs/hr 9,500kg/hr	36" 910mm	15'-0" 4,600mm
40,000lbs/hr 18,100kg/hr	28,000lbs/hr 12,700kg/hr	42" 1070mm	15'-0" 4,600mm
45,000lbs/hr 20,400kg/hr	32,000lbs/hr 14,500kg/hr	48" 1220mm	15'-0" 4,600mm

Note: Capacity for French fries based on product density of 35 lb/cuft.

