

## **Woodworking Return Conveyor**

### **Most Frequently Asked Questions**

- **What are the electrical requirements?**

110 volt AC. To determine amperage draw, multiply .65 times the number of motors

- **Is it hard to move?**

We have a spec of 30 - 40 ft/lb of force required to extend the unit.

- **How many motors does a conveyor have?**

There are four motors..

- **How much does it weigh?**

The shipping weight for a 30 inch wide BFP 1.5 model is 35.6 lb per expanded foot.

- **What is the capacity?**

100 pounds per lineal foot on a level conveyor.

- **How fast does it run?**

Speed is adjustable from 0 – 120 Feet Per Minute.

- **What maintenance is required?**

The unit is very maintenance friendly. A visual inspection for any broken or missing hardware once a month is usually all that is required. The poly drive belts may have to be replaced if they become worn.

- **Where do I get parts?**

An authorized distributor of Best Diversified Products, Inc. In an emergency, most electrical parts or a suitable replacement are off the shelf items.

- **Do I need to keep spare parts on hand?**

It is suggested a few spare parts to be kept on hand. See the owners manual for a recommended spare parts list.

- **Is it reversible?**

Yes.

- **What are the minimum and maximum elevations?**

On a standard conveyor, the adjustment range is from 31.5 inches to 44.5 inches

- **What lengths are available?**

Any length is available. We do however have recommended lengths for the woodworking applications.

- **What do I do if I need longer reach?**

The woodworking conveyors will be equipped to allow two units to operate together or separately.

- **What do I do if it won't run?**

Refer to the troubleshooting section of your owners manual or call Best at 800-327-9209.

- **What kind of warranty does it have?**

1 year parts only.

- **What is the tightest radius I can get?**

On a standard 5 inch center unit, the minimum inside radius is 16 7/8 inches or 33 ¾ inside diameter.

- **What type of photo optics are available?**

Depending upon the application, we can utilize package stop optics, indexing optics, or accumulation optics.

- **Can the rollers have a coating applied?**

Yes, it can be applied at the factory or in the field. There is a substantial cost associated with coated rollers, so be sure to consult factory for further info.

## **SPECIFICATIONS**

- **DC Drive motors**
  - 180 volt DC**
  - 250 RPM**
  - .65 FLA**
  - Start/stop duty cycle 300 times per hour**
- **Overall width 37 5/8 inches**
- **Between frame width (roller width) 30 inches**
- **Speed controller with AC converter**
- **Compaction ratio on a 5 inch center conveyor is 3:1**
- **6 X 2 inch casters**
- **On/ Off switches on both ends of conveyor.**
- **Operating speed 0 –120 F.P.M.**
- **Capacity 100 pounds per linear foot on level conveyor.**
- **Shipping weight per foot (BFP 15 model 30 inches wide) 35.6 lb per expanded foot.**
- **Standard adjustment range is 31.5 inches to 44.5 inches.**
- **1.5 inch diameter 16 gauge steel rollers with precision bearings**
- **1.59 inch high alloy extruded aluminum side plates**
- **5 inch axle centers**
- **minimum inside radius is 167/8 inches**

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