

TurnBak

Return Conveyors

Run Your Edgebander with One Operator

Solutions Through Creative Innovation



Infeed Arms



Urethane transfer belts move parts easily across teflon-lined steel slides.



Adjustable Jack Legs



The MaxDrive system consists of a series of pulleys and rubber belts which drive the rollers from underneath. There are no urethane bands to weld.



TurnBak Conveyor

Automatic Turning



“TurnBak” to Thomas for Edgebander Return

- **MaxDrive System** for Powering Rollers
- **Powered Infeed Arms** for Positive Control of Parts
- **Automatic 90* Turn of Rectangular Parts**—No optional attachment needed
- **Optional—Automatic Turner for Heavy Parts**
- **Two-Inch Roller Spacing**—Return small parts without additional attachment
- **Teflon-Lined Steel Slides**—Move parts easily and are durable
- **Frictionless Heavy Parts Transfer** (Optional)
- **Variable-Speed Rollers**—Roller speed can match speed of processing machine
- **Portable Remote Control**—Move as needed
- **Steel Rollers w/PVC Sleeves**—For Stability & Strength

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THOMAS
MANUFACTURING

Standard Specifications

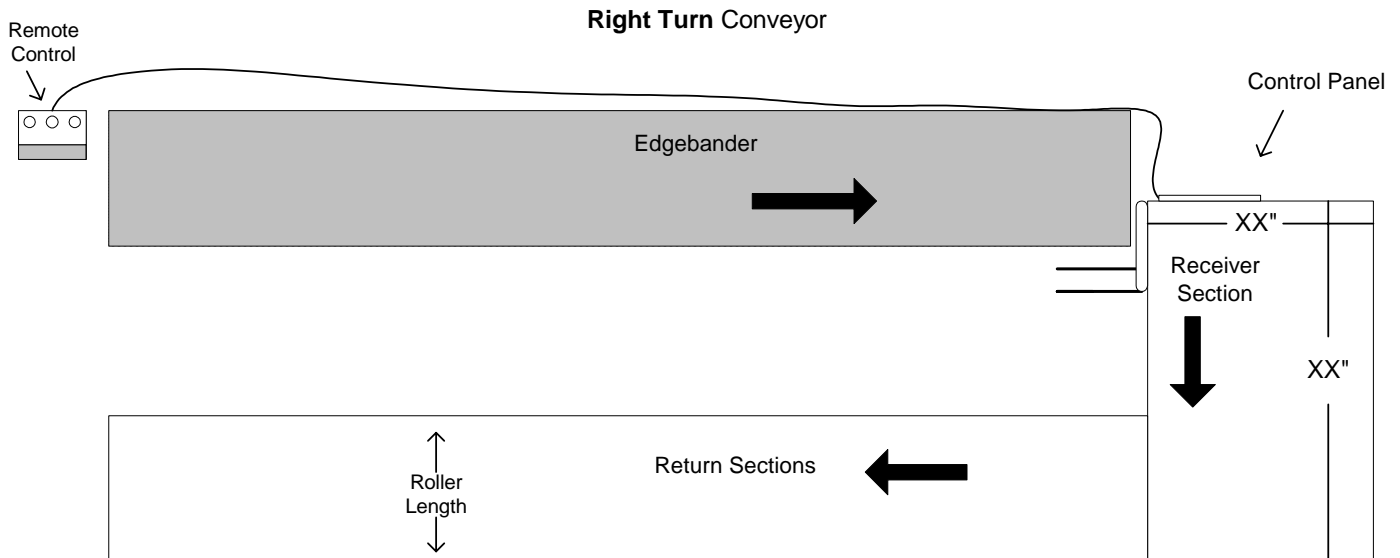
- ◆ **Roller Drive System**—Reliable MaxDrive System powers rollers from underneath.
- ◆ **PLC-Controlled**
- ◆ **Two-inch** roller spacing for small parts
- ◆ **Remote Control** and Variable Speed Drive (0-120FPM)
- ◆ **Urethane Transfer Belts**
- ◆ **Steel Rollers w/PVC Sleeves**
- ◆ **Powered Infeed Arms**
- ◆ **Teflon-lined** steel transfer slides on receiver
- ◆ **Adjustable height** from 32" to 42" without casters; and 36" to 45" with casters
- ◆ **Heavy-Duty Frame**—2" welded square tubing with **adjustable jack legs**
- ◆ **Voltage & Amp Requirements:**
 - 440/460/480 Volts 3 Phase 60 Hertz 6 Amps
 - 208/220/230 Volts 3 Phase 60 Hertz 10 Amps
- ◆ **Horsepower:** 1HP or 2HP (depends on conveyor size, parts size, etc.)

- ◆ **Air Requirements:**
 - 60lbs. @ 10CFM

OPTIONS: Urethane-Sleeved Rollers
Casters
Seamless integration of processing machine and conveyor
Ball Transfer
Expandable Bridge

For Heavy Parts:

Low-Friction Heavy Parts Transfer
Automatic Turner for Heavy Parts



Distributed By:

Machine Operation:

1. Photoeye detects the trailing edge of parts coming from a machine. This causes the receiver rollers to lower.
2. Urethane belts move parts from the receiver section to the return.
3. After the part leaves the receiver section, the rollers raise and the cycle is repeated.