

PayBak

Return Conveyors

Run Your Shaper/Sander with One Operator

Solutions Through Creative Innovation



Infeed & Transfer System



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.



PayBak Conveyor

The "Big PayBak" for Shaper-Sanders: THOMAS

- Urethane Roller and Infeed Arm
- Torque Clutch-Controlled Speed Operation
- MaxDrive System
- Receive Butt-fed Parts
- Automatic 90* Turn of Rectangular Parts—No optional attachment needed
- Two-Inch Roller Spacing—Return small parts without additional attachment
- Teflon-Lined Steel Slides—Move parts easily and are durable
- 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

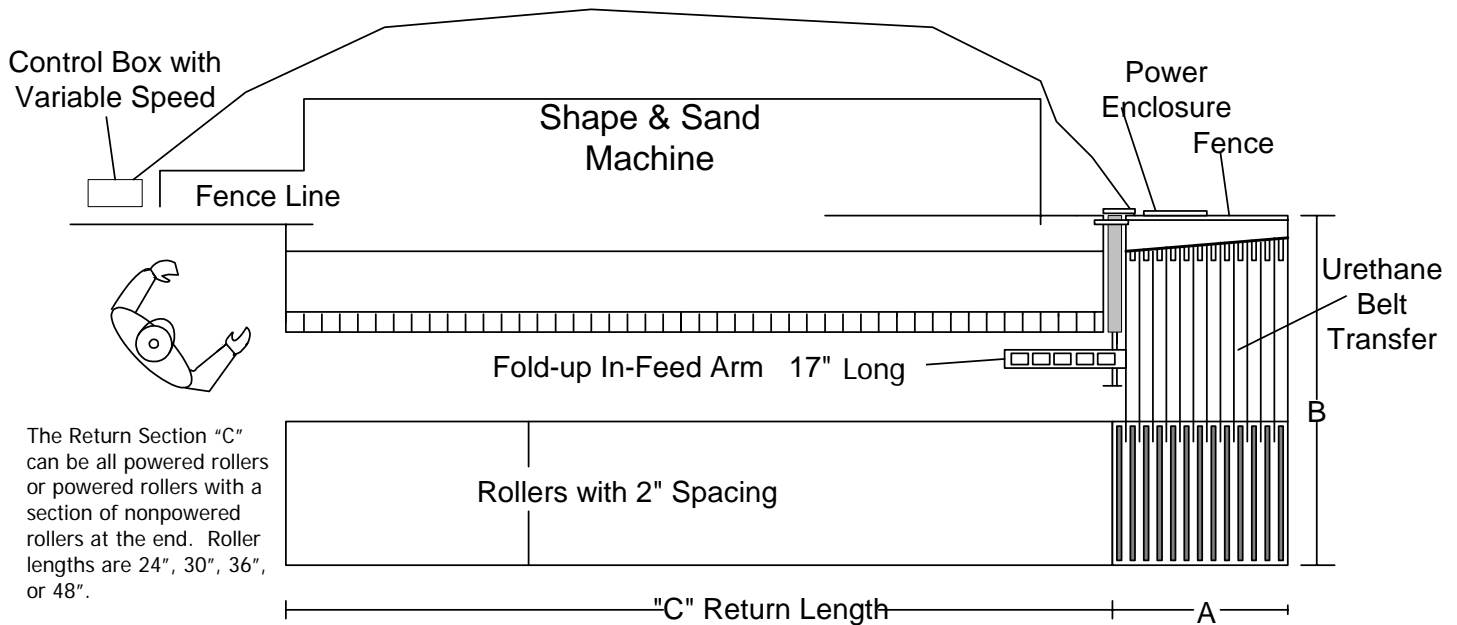
Standard Specifications

- ◆ Pneumatic Clutch to mimic speed of processing machine as parts are received onto the conveyor.
- ◆ Remote Control and Variable Speed Drive (0-120FPM)
- ◆ **MaxDrive**—Powered rollers driven from underneath by a series of pulleys and belts
- ◆ Two-inch roller spacing for small parts
- ◆ Steel Rollers w/PVC Sleeves
- ◆ One Infeed Arm
- ◆ Urethane Transfer Belts
- ◆ Teflon-Lined Steel Slides on receiver
- ◆ Adjustable Height from 32" to 42" without casters; and 36" to 45" with casters
- ◆ Frame—Heavy-duty 2" welded square tubing with **adjustable jack legs**
- ◆ Voltage & Amp Requirements:

440/460/480 Volts 3 Phase 6 Amps
 208/220/230 Volts 3 Phase 10 Amps

- ◆ Horsepower: 1HP or 2HP (Motor size is determined by various factors)
- ◆ Air Requirements: 60lbs. @ 10CFM

Options: **Pass-Thru Switch**
 Casters
 Seamless integration of processing machine and conveyor



Machine Operation:

1. A feed roller and a powered arm guide parts onto the receiver.
2. A slip clutch matches processing speed then accelerates parts on the conveyor.
3. Urethane belts move the parts from the receiver section to the return section.
4. **Parts may be butt-fed**, since the process is continuous.

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