

**CON-E-CO**<sup>®</sup>  
An Astec Industries Company

# *CON-E-CO*<sup>®</sup> *TILT MIXERS:*



***INNOVATIVE DESIGN.  
BUILT STRONG.  
PROVEN PRODUCTIVITY.***

# *TILT MIXERS THAT ARE PROVEN PERFORMERS.*

Built for productivity, long life and reliability. Engineered to be easy to install. Retrofits on a wide range of plants – virtually any brand. -



## ***DESIGNED TO RAISE THE STANDARD. BUILT TO GO THE DISTANCE.***

CON-E-CO tilt mixer is a large volume drum that shortens mixing times and boosts productivity.

Dedication to constant improvement:

- Variable Frequency Drive (VFD) to reduce wear and cleanup
- Ultra Life paddle liners and advanced “Five Star” mixer paddle
- SAE 4340 alloy mixer ring gear through hardened with 1” thick belly band
- Continuous submerge arc welded gear to belly band and belly band to drum
- Industry-leading bogey support roller system
- Gear teeth engagement preset at factory



### **OVERSIZED CAPACITY**

- True capacities of 12- or 15-cubic yards
- Increased quality of concrete mix
- Shortened mix time
- Allows for 54" wide conveyor belt charging while maintaining ratings of 12- or 15-cubic yard capacities

### **FIVE-STAR PADDLE MIXING SYSTEM**

- Simple design for easy replacement
- Aggressive mixing action for quality concrete mixing
- Shortened mixing time

### **NO MIXING PADDLES IN CONE**

- Even, controlled discharge for faster truck mixer charging
- Does not retard discharge of low-slump concrete
- Not needed for capacity rating

### **MACHINE CUT RING AND PINION GEARS**

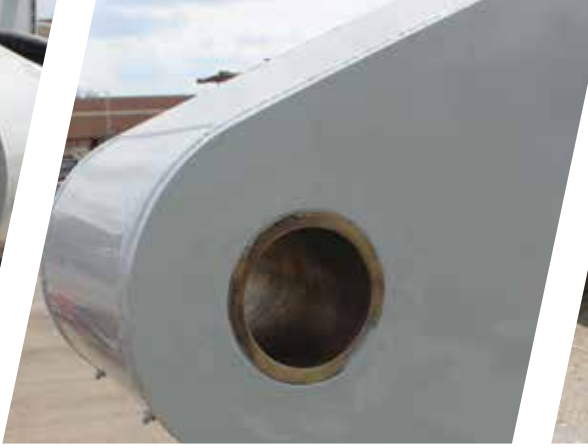
- Smooth and quiet operation
- Through hardened stress relieved ring and pinion gears for longer life.
- 5" wide track and rollers

### **MACHINE TURNED — 1" THICK X 14" WIDE RING GEAR BELLY BAND**

- Superior roundness of drum insures smooth operation and extends life
- Heavy-duty belly band greatly increases strength at critical load area of mixer drum

### **BOGEY ROLLERS**

- Trunion mount
- Four 5" wide load rollers instead of two
- Decreased point loading by 50% thus reducing stress on the ring gear, rollers and bearings



### **AUTOMATIC RING GEAR OILER**

- Increases life of ring and pinion gear
- Automatic system reduces maintenance time

### **PLANETARY DRIVE SYSTEM**

- Two (2) 75 or two (2) 100 horsepower motors
- All motors totally enclosed and fan cooled for lasting, durable operation
- Heavy-duty planetary gear drives transfer more horsepower to mixer over conventional drives
- Low mount drive for easy access

### **1" URETHANE DRUM AND PADDLE LINERS**

- Longer drum and mixer paddle life
- Quick and easy cleanout

### **4 7/16" DIAMETER BRONZE BUSHED TILT PINS**

- Oversized for long life and smooth, reliable operation

### **LARGE HYDRAULIC RESERVOIR WITH TANK HEATER**

- Large capacity oil reservoir and built-in cooler
- Tank heater preheats oil during plant startup to insure consistent hydraulic operations
- Heavy-duty components for long life
- Hydraulic power pack design for easy serviceability

### **SHIPPED ASSEMBLED AND PRE-WIRED**

- Factory pre-assembly reduces field assembly cost
- Pre-wired means no costly field wiring
- Mixer is factory tested

### **65,000 POUNDS — DELIVERED**

- Heavy-duty mixer drum for added strength and long life
- Heavy-duty tilt frame designed for extreme duty and long life
- Heavy-duty stationary frame for solid foundation and long life



# ***SUPPORT THAT IS SECOND TO NONE.***

When you choose a CON-E-CO tilt mixer, you also get the full resources of our exceptional dealer network and unbeatable factory support.

**To learn more, visit [con-e-co.com](http://con-e-co.com)  
or call 1-800-656-2651.**



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