### Mixer Tank
- 1/4" drum wall on Models 8, 16, 21 and 30
- 5/16" drum wall on Models 54 and 81
- 1/2" end plates on Models 8, 16, 21, 30 and 54
- 3/4" end plates on Model 81
- 3" drain in center of tank bottom

### Drive Train
- Shaft mounted reducer on Models 8, 16, 21 and 30
- Planetary transmission on Models 54 and 81
- Belt-driven input
- Output shaft coupled directly to mixer shaft
- TEFC 230/460 volt, 3 phase, 60 hertz motor

### Liners
- Cast ni-hard drum liners
- Abrasion resistant steel side liners
- All are replaceable, bolted segments

### Discharge Door
- Located in rear of drum with a rubber door seal
- Air cylinder operated linkage with discharge valve
- Flow control valve for speed adjustment
- Air line lubricator and moisture trap

### Shaft Assembly
- Cast NI-Hard mixing paddles (or spiral blade)
- Abrasion resistant steel side wipers
- Replaceable wear guards for shaft
- Sealed, self-aligning pillow block bearings
- Lubrication cup with visual level indicator and spring-operated feeder for proper lubrication

### Mixer Cover
- Steel top cover lid
- Dual hinged access doors in front and back of mixer
- Doors include ‘doors closed’ interlock switches
- Doors and top cover are gasketed for dust containment

### Shaft Seals
- Primary double labyrinth seal and secondary “cat” seal
- Split construction for field servicing
- Both seals are purged with ‘Vellox 3’ grease
- 4-point remote lubrication panel

### Paint
- One color, high grade machinery enamel
**Spiral Type Blade**
Cast Ni-Hard mixing blades are abrasion-resistant for long life. This time-tested arrangement produces a thorough homogeneous mix.

**Paddle Type Blades**
Cast Ni-Hard mixing paddles are abrasion resistant for long life. This unique paddle configuration is easier to install, remove and adjust.

**Discharge Door**
Oversize discharge door assures, fast clean discharging of material. Simple linkage and heavy-duty rubber seal, provides positive closing, regardless of the mix.

**Shaft Seal**
"SURESEAL" shaft seal makes sure that no water or grout gets through to damage the bearings, especially with high-slump mixes.

**Access Doors**
Large doors provide easy access for inspection, cleaning and servicing the mixer. The door safety switches will shut off the mixer, when a access door is opened while in operation.

**Lubrication System**
Electrically operated, automatic lube system, makes sure that the seals remain lubricated at all times, for maximum performance.