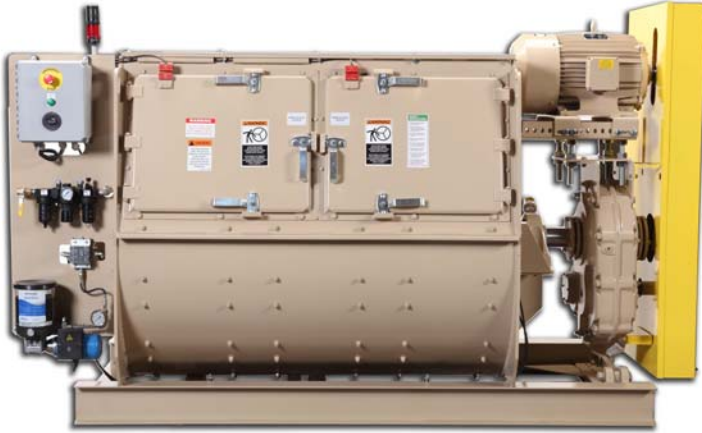




# HORIZONTAL SHAFT

# MIXER



<p><b>Mixer Tank</b>          1/4" drum wall on Models 8, 16, 21 and 30          5/16" drum wall on Models 54, 81 and 100          1/2" end plates on Models 8, 16, 21, 30 and 54          3/4" end plates on Model 81 and 100          3" drain in center of tank bottom</p>	<p><b>Drive Train</b>          Shaft mounted reducer on Models 8, 16, 21 and 30          Planetary transmission on Models 54, 81 and 100          Belt-driven input          Output shaft coupled directly to mixer shaft          TEFC 230/460 volt, 3 phase, 60 hertz motor</p>
<p><b>Liners</b>          Cast ni-hard drum liners          Abrasion resistant steel side liners          All are replaceable, bolted segments</p>	<p><b>Discharge Door</b>          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</p>
<p><b>Shaft Assembly</b>          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</p>	<p><b>Mixer Cover</b>          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</p>
<p><b>Shaft Seals</b>          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</p>	<p><b>Paint</b>          One color, high grade machinery enamel</p>



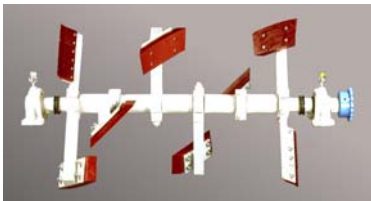
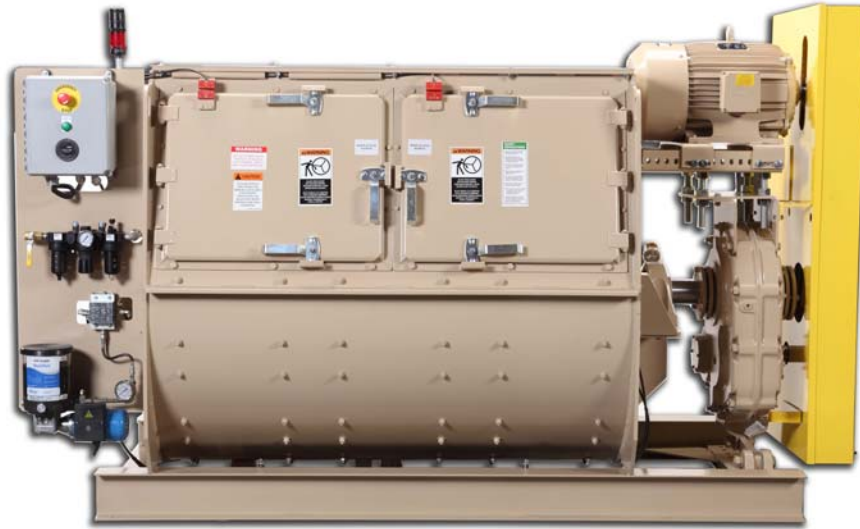
Phone 262-691-3100  
 190 Simmons Ave \ PO Box 10  
 Pewaukee, WI 53072-0010  
[www.mixersystems.com](http://www.mixersystems.com)





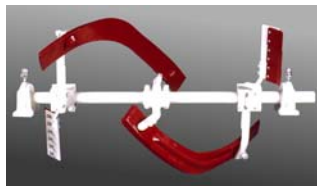
# HORIZONTAL SHAFT

# MIXER



### 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.



### Spiral Type Blade

Cast NI-Hard mixing blades are abrasion-resistant for long life. This time-tested arrangement produces a thorough homogeneous



### 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 .



### 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.



### Lubrication System

Electrically operated, automatic lube system, makes sure that the seals remain lubricated at all times, for maximum perfor-



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