



REFURBISHING/REPAIR

KNEADER, HEAVY PASTE BAKER-PERKINS

Features:

- Work Capacity: 500 gallon
- Total Capacity: 750 gallon
- Motor: 100 HP, 900 rpm, 3/60/480V, TEFC
- Sigma Blades Speed: 1:1 ratio, 40 rpm
- Jacket: Hot Oil
- Tilt: Hydraulic with hydraulic power pack

The unit was rigged and transported to factory where it was completely disassembled to expose all drive components, such as gears, bearings, seals, shafts, etc.

These components and parts had to be disassembled, cleaned, inspected, reworked and reassembled.

The sigma blades drive shafts were re-machined and polished to original conditions and tolerances.

All non machined parts like bearings, bushings, Teflon packing seals, extension rings, gland follower, gaskets, fasteners, and belts, motor were replaced to original specifications.

Tub, jacket, drive covers, motor stand were checked for leaks and corrosion then rebuilt by welding and grinding. The unit was assembled with all new or reworked parts and components, including final inspection and tests, and rigged to place.



DANTCO MIXERS CORPORATION
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Bearings, gears, shafts had to be cleaned, removed, inspected, reworked, reassembled and tested.



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Bearings, gears, shafts had to be cleaned, removed, inspected, reworked, reassembled and tested.

To change the four bearings and refill the 4 stuffing boxes, it was necessary to disconnect the drive, remove the covers on the bearing housing and expose the 4 bearings and the 4 stuffing boxes.

The bearing housings were lifted one at a time by using jacks and other tools.

The bushings and seal packing were removed. The shafts, seal gland and seal housing were cleaned. New bronze bushing and Teflon seal packing were reinstalled.



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The sigma blades and shafts had to be cleaned, removed, inspected, reworked, reassembled and tested.

The shafts had to be reworked by adding metal to the bearing seats and then machined to original tolerance.

The 4 bearings, the 4 stuffing box seals and bronze bushings were replaced.



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