

# KELLY DUPLEX

## Model 54068-60-12 Vertical Mixer

5 HP Gear reducer drive at 135 RPM

Magnetic Trap on discharge valve; load cell mounted

Serial Number: M01001, 1999

This Kelly Duplex Vertical Mixer, load cell mounted and used for plastics compounding, features a 5 HP drive turning the internal 12" diameter helicoid mixing spiral at 135 RPM. Various ingredients to be blended are introduced into the top of the mixer, rapidly mixed internally in the mixing vessel, then drawn out of the mixer at the bottom of the cone through a magnetic trap. The view below shows the standard Operator's Manual Case, the Padlockable Protective Interlocking Electric Control Switch, the instruction and hazard warning decals, and the 5 HP drive. This mixer is 54" in diameter and has a nominal gross vessel capacity of 68 cubic feet.



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The 5 HP shaft mounted gear reducer and v-belt drive is mounted on top of the vertical mixer. This durable, compact, and easily serviced drive takes both the end thrust and radial load of the mixer spiral.

THE DUPLEX MILL & MANUFACTURING CO.

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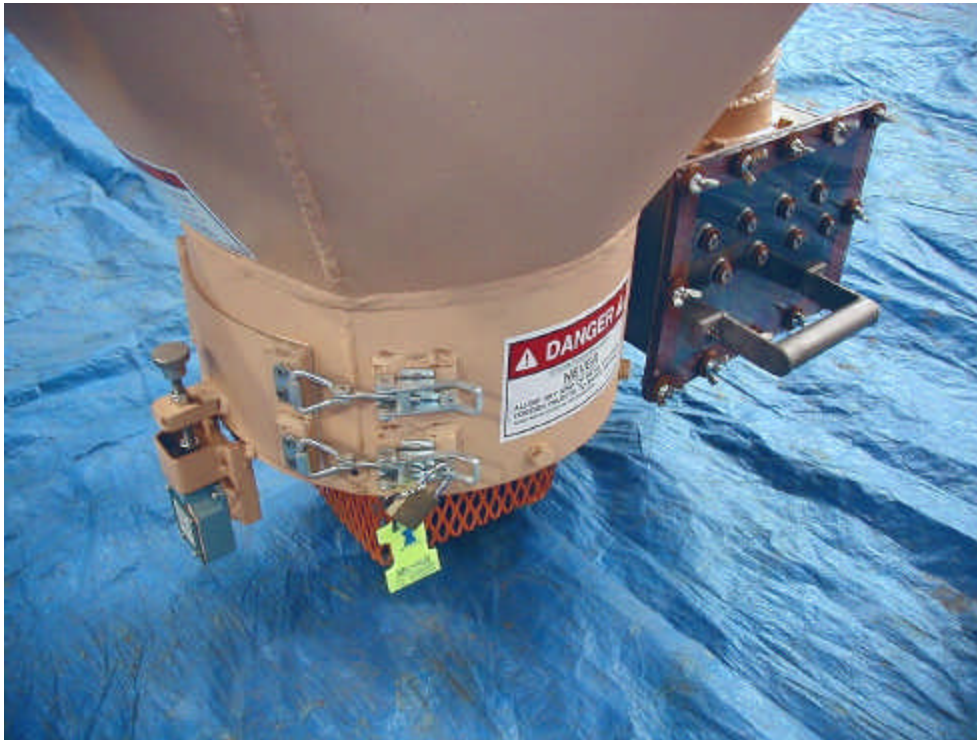
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These views illustrate the clamped and hinged maintenance panel at the bottom of the downtube, interlocked with a time delay protective interlocking limit switch. Also shown, in both operational and service mode, is the magnetic trap installed at the mixer discharge point.



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Standard mixer equipment includes an Operator's Manual Case, a Padlockable Interlocking Electrical Control Switch and hazard warning and instructional decals. These items are illustrated above.

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