

# KELLY DUPLEX

## K-64-9C Bucket Elevator

Modified for high temperature materials

69137-H12943, July 1998



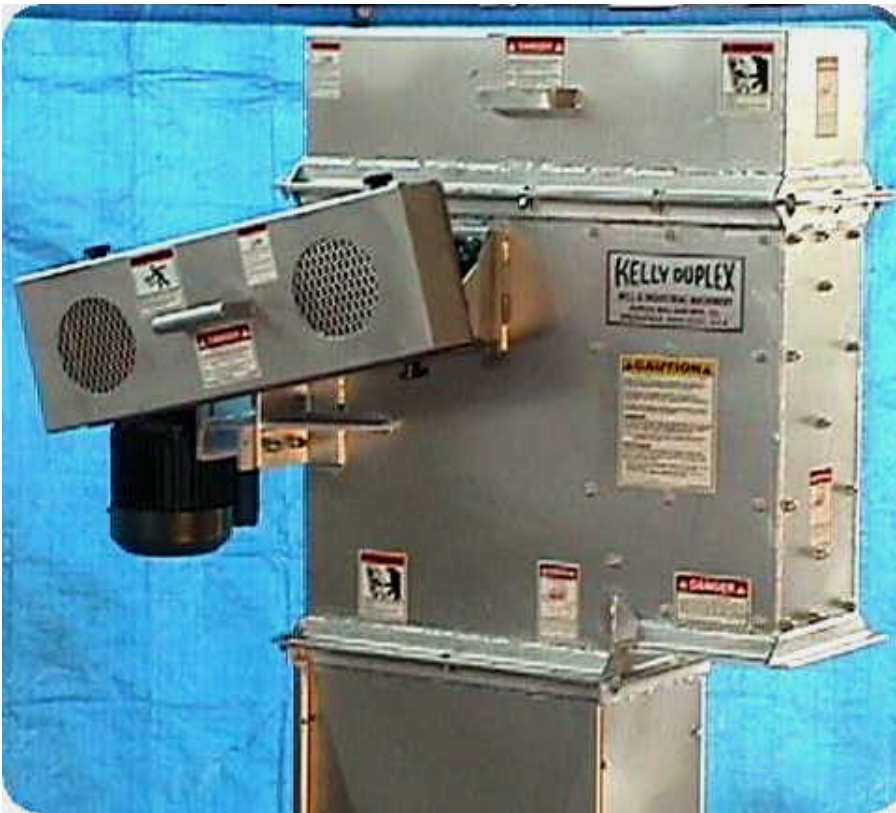
Bucket Elevator with 1-1/2 HP drive operating at 206 FPM with C188 combination chain and 6" x 4" Style AA malleable iron buckets. Note the quick opening maintenance panel in the boot and the Model CMS motion switch mounted on the boot shaft.

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Bucket elevator head with drive

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Boot illustration shows high temperature bearings, shaft motion switch and quick opening access panel with protective interlocking limit switch

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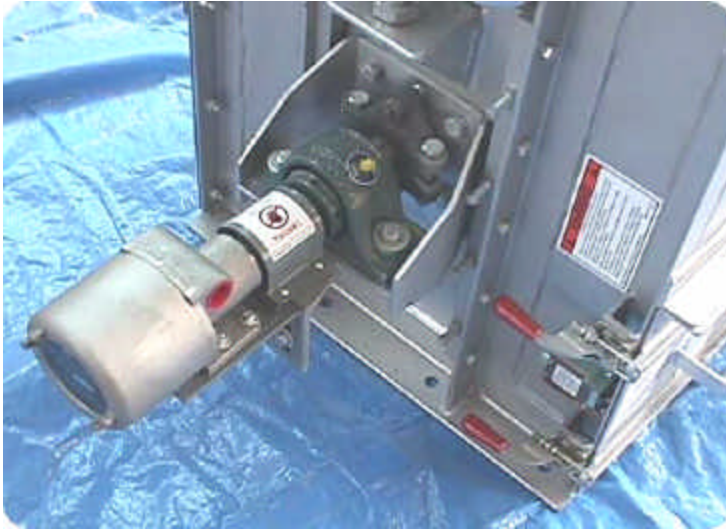


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Boot details illustrate high temperature roller bearings, fixed and floating mounted outboard from boot housing. Shaft seal is a gland compression arrangement using KEVLAR packing rated at 500 dearees F.



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Elevator head photos illustrate outboard mounted roller bearings, KEVLAR shaft seals, and a Torque Tamer Slip Clutch which is capable of applying field set torque to the headshaft. If the elevator buckets should encounter an unexpected obstacle, the clutch will slip and the bootshaft mounted motion switch can provide a signal that can be used to stop the motor drive.

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