Elevating oats with a hammer type feed mill. The pipe carrying the ground feed from the lower part of the mill to the elevating fan has been removed. A hopper has been attached in its place and the grain is fed directly into the fan. A slide in the bottom of the hopper regulates the rate of elevating.

Capacity: The fans of these mills have capacities up to 250 or 300 bushels per hour, depending upon the size and design of the fan, height of bins, and kind of grain elevated.

Speed of fan: Speeds of 1200 to 1600 revolutions per minute are recommended for elevations up to twenty feet. For higher elevations and large capacities, slightly higher speeds will probably be required. Speeds much over 1800 revolutions per minute are apt to hull or crack the grain.

Motor and belt: Use the same motor and belt that are used for grinding feed.

Pulleys: The hammer mill is equipped with a fibre pulley 4" in diameter. To secure the recommended speed it is necessary to use either the regular 3½" or 4½" diameter pulley on the motor.

Blower pipe: If it is necessary to blow grain horizontally more than about 8 or 10 feet, the vertical pipe should go up somewhat higher than the grain bin, and then slope downward to it at an angle of 30° with the horizontal.

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