

CALIFORNIA

-World's Leading Manufacturer of Pellet Mills Presents the

PELLET PLANT

*Now You Can Build Profits with Pellets—
Install Your Own Complete Pelleting Plant
at an Initial Cost that Will Fit Your Pocketbook.*

The California "Master" Model Plant is specifically designed to permit the small feed plant operator to produce pellets and crumbles from his own formulas with his own ingredients.

This plant is ideally suited for the operator with moderate capacity requirements. It's economical to install, easy to operate, and efficiently produces the finest quality pellets in any shape or size.

Give this unit your mixed mash formulated to your particular requirements and it will give you highest quality thoroughly cooled and screened pellets or crumbles.

Designed for easy erection, two men can quickly assemble the complete plant at little cost. The plant is pre-assembled at the factory with each part numbered, then knocked down for shipment. Simply bolt together according to instructions. No welding is required. Electrical wiring costs are also held to a minimum since there are a total of only three motors on the standard unit: direct connected main drive on the pellet mill, either 20, 25, 30, or 40 HP as required; 7½ or 10 HP motor

driving the cooler fan, crumbler and shaker; and a small ¼ HP motor driving the cooler discharge gate. (With the M-P mixer-pelletter unit, an additional 5 HP motor is needed to drive the larger, high-speed mixer.)

There are no complicated elevators to assemble or operate — pellets are handled by air, with one fan doing two jobs: elevating pellets and drawing air through the CPM Cooler.

OPERATION

Mash delivered to the mash bin feeds through the California "Master" Model Pellet Mill, where pellets are produced and discharged into the air conveying system by which they are elevated to the pellet collecting cyclone and fed to the automatically controlled pellet cooler. Pellets pass through the cooler to the crumbler, then over the shaker where fines are removed. Crumbles flow directly from shaker to sacking bin. Where pellets rather than crumbles are to be sacked, the crumbler is by-passed by merely flicking a valve.

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"Master" Model

Equipment Details:

CALIFORNIA Master Model PELLET MILL complete with feeder, mixer and 20 or 30 HP direct connected motor.

This famous mill, as with all CPM Models, is also available in the M-P (mixer-pelletter) model at additional cost.

This combination unit eliminates the need for a separate molasses mixer. The high speed agitator mixer permits applying molasses to the dry mixed feeds, and does away with the problem of binning molassed meal ahead of the PELLET MILL. This, in most cases, means that pellets can be made with a higher molasses content. By the use of a special spout, the mixer can be used to produce molassed feeds in mash form. Thus, for only a slight additional cost you can add a molasses mixer to your plant.

California #1K Pellet Cooler. This cooler is completely automatic. The discharge gates are operated by a ¼ HP motor which is controlled by the bin level control switch installed in the hopper.

California 22 x 36 all metal Shaker. The shaker is furnished complete with two screens, one for pellets and one for crumbles.

The California 624-S Pellet Crumbler. This unit has 6" x 24" chilled iron rolls, corrugated with a LePage cut. Built-in valve permits by-passing rolls by merely flicking a handle.

Special Fan. This fan furnishes the air for both cooling and conveying the pellets to the pellet collecting cyclone.

Bolted Structural Frame. This consists of the structural supports for all of the units excepting the pellet collecting cyclone which can usually be hung from the building structure itself.

Sacking bin of 16 gauge sheet steel. This bin is complete with a sacking valve. Capacity 60 cubic feet.

Mash bin of 16 gauge sheet steel. This mash bin is available in standard or extended height—100 cubic feet or 140 cubic feet respectively. (See general dimension drawing.)

Material handling ducts of 16 gauge sheet steel. This includes the vertical and curved portion of the air duct complete with the venturi section for receiving the pellets. The elbows are equipped with a 14 gauge removable wear plate on the outer face.

Air ducts of 20 gauge sheet steel.

Pellet collecting cyclone.

Sheaves, sprockets, belts, spouting, etc. as required to complete the unit.

COMPACT IN DESIGN EASY TO INSTALL

All components, bins and supports are furnished with the exception of supports for the pellet collecting cyclone. Usually the cyclone can be hung from the building itself.

The plant consists of:

- Pellet collecting cyclone
- Mash bin
- Automatic Pellet Cooler
- Fan
- Pellet crumbler (optional)
- Air conveying system
- 10 HP motor (7½ HP if crumbler is omitted)
- Shaker screen
- Sacking bin
- All structural supports and spouting shown
- Ladder
- CALIFORNIA "Master" Model Pellet Mill

The Crumbler is optional equipment. If omitted from original installation, the CPM Crumbler can be added at a later date. A 7½ HP motor may be used in place of the 10 HP motor if crumbler is omitted.

SPACE REQUIREMENTS

Floor area of only 11'7" x 9'3", with a height of 18½' excluding cyclone is all the space that is required for this complete compact pelleting plant.

