

7700

SERIES

pellet mill



total pelleting versatility.

7700 SERIES pellet mill



Unmatched versatility

This mill is the workhorse you can rely on for just about any densification challenge you can imagine. Whether it's animal feeds, oilseed by-product, or your unique industrial application, the 7700 Series can handle your wide range of pelleting needs. It can be supplied with low-, medium-, or high-speed gearing to match die speed for optimum pellet or cube quality and capacity.

Unbeatable construction

This mill has all the features you love about our larger and more powerful pellet mills—like the metal-to-metal seals between components to keep dust and steam where they belong and the modular gearbox design for production flexibility—inside a smaller package. The 7700 Series is built CPM tough, so you know this equipment works just as hard as you do.

Uncompromising performance

The 7700 Series Pellet Mill can take virtually anything you throw at it. That's why it's long been a popular choice for plants that need a versatile mill for their pelleting or cubing operation. Its forced oil lubricated gearbox, range of die sizes, and gear train that handles 200 to 300 horsepower means you get rock-solid performance—year after year.

Unrivalled value

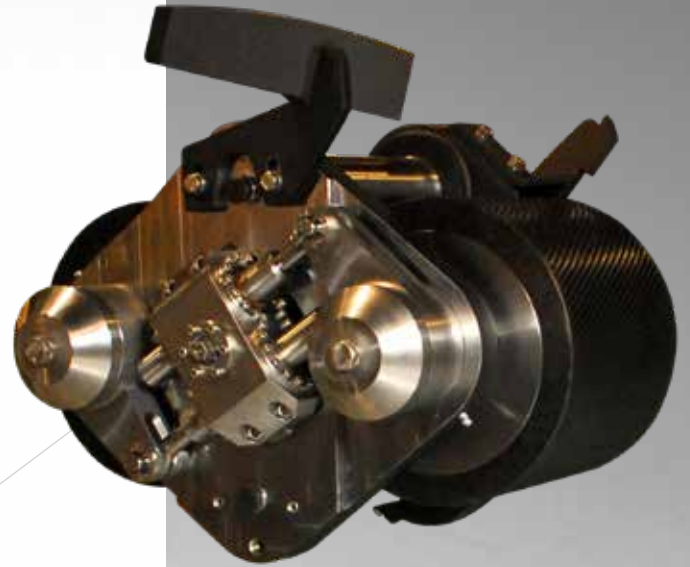
Increasing efficiency is always one of your priorities, and that's what drives the 7700 Series. Its proven positive direct gear drive provides an outstanding 98% energy transfer. It uses a single motor for greater efficiency and has lower overall maintenance costs. To top it off, CPM equipment is backed by the best customer support in the industry.

Keep downtime to a minimum

The 7700 Series Pellet Mill offers a range of features designed to keep your operation moving smoothly. Segmented die clamps come standard for quicker die changes, increasing the time your mill spends running.

LINEATOR REMOTE ROLL ADJUSTMENT

With the Lineator, operators can remotely control the distance between roller and die surfaces while the pellet mill is running. Its compact and reliable design provides swift, accurate, and safe roller adjustment during the pelleting process.



we're the people who get the job done.

Unlike our competitors, we don't disappear when the deal is done. We stick there with you—year after year. You get all of us—local representatives, application experts, product engineers, and responsive technical support—365 days a year. Our team can design and build dies to meet your specific demands. Dies can be developed from a variety of materials with a range of hole profiles and finish treatments to satisfy your requirements.

And with CPM, you get so much more. We're your complete process partners because we offer the complete line of feeders, conditioners, steam systems, pellet coolers, and other critical components of your pelleting process. We help you maximize efficiency to meet the demands of high-quality pellets, production rates, and flexibility.

Your success is our success, and because our machines will still be running long after you retire, we'll still be here.



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KEY FEATURES

- CPM's modular design gearbox—22- to 30-inch diameter dies
- Three gear sets available
- 200–300 horsepower

OTHER STANDARD FEATURES

- Bear claw die clamps—segmented for quicker die change
- IC lube system
- Oil level sensor
- Trapped Key Interlock
- Pellet chamber and shear pin proximity switches
- Positive direct gear drive provides a 98% energy transfer
- Rounded cast gear case with internal ribbing for quieter operation
- Metal-to-metal seals between components
- Replaceable quill flange to minimize long-term operating cost
- Stainless steel pellet chamber
- Single motor for greater efficiency

OPTIONAL FEATURES

- Lineator (remote roll adjust)
- Roll speed measurement (RSM) on most models
- Enforcer die feeder
- Pre-wiring terminal box
- Ethernet I/O panel
- Automatic grease system

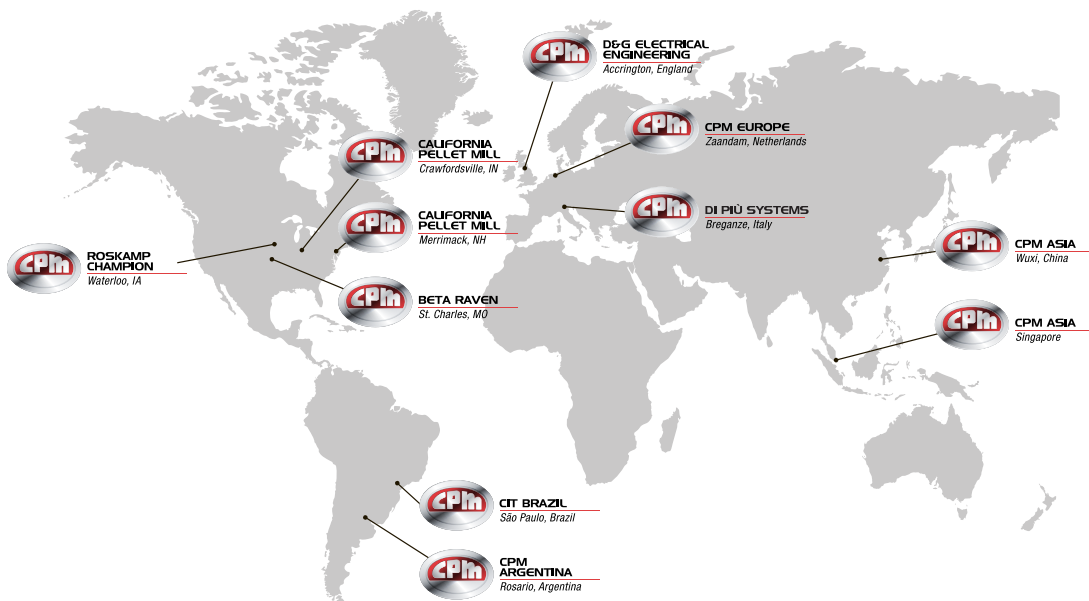


Specifications and Dimensions

Model	Die ID	Die Width	Die Working Area	HP*	Die RPM 60Hz/50Hz	Die Peripheral Speed FPM**
7722-6	22.5 in	6.1 in	433 in ²	200	185/153	1,381/1,144
7726-7	26.5 in	7.1 in	590 in ²	250	185/153	1,575/1,305
7730-6	30 in	6.1 in	577 in ²	300	185/153	1,744/1,445
7730-8	30 in	8.2 in	777 in ²	300	185/153	1,744/1,445

*HP may change with application; 1,800 RPM motor at 60 Hz and 1,500 RPM motor at 50 Hz.

**Feet per minute—calculated with 3-inch-thick die, low speed gears, and 1,800 RPM motor.



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