

79000

SERIES

pellet mill



proven pelleting performance.



7900 SERIES pellet mill



A workhorse that doesn't stop

The 7900 Series Pellet Mill is the workhorse that just keeps going. It's your go-to pellet mill for almost any application and the benchmark by which all others are measured. Whether it is high-capacity animal feeds, oilseed by-product, or anything in between, the 7900 can pellet almost anything.

Tough inside and out

The 7900 is CPM tough—as you'd expect. But inside, its proven gear drive has the most energy-efficient power transmission system around. In fact, it's the industry standard. With a reliable 10–20 percent reduction in energy consumption, it's got lower overall maintenance costs than belt drives and will just keep running.

Dependable and versatile

Whatever pelleting or densification challenges you face, the 7900 has the answer. Designed for the most demanding applications and available in a range of sizes and models, the 7900 will take anything you can throw at it.

Best value for money, hands down

The 7900 comes with a range of standard features that the competition would charge extra for. Features like an innovative IC lube system combine critical bearing lubrication with oil cooling and filtration. The cartridge filter is easy to replace, and the air/oil cooler needs little to no maintenance. Plus, oil flow and level switches protect the gearbox by interlocking with the main drive motor.

A gentle giant when it comes to safety

With safety standards that are non-negotiable, the 7900 Series Pellet Mill is a gentle giant. The Trapped Key Interlock Door Switch and the Pellet Chamber Interlock Switches ensure the door will not open unless the die is at a complete stop. And with the optional Lineator, the operator can clear most plugs with the door closed—even while the machine is running.

LINEATOR REMOTE ROLL ADJUSTMENT

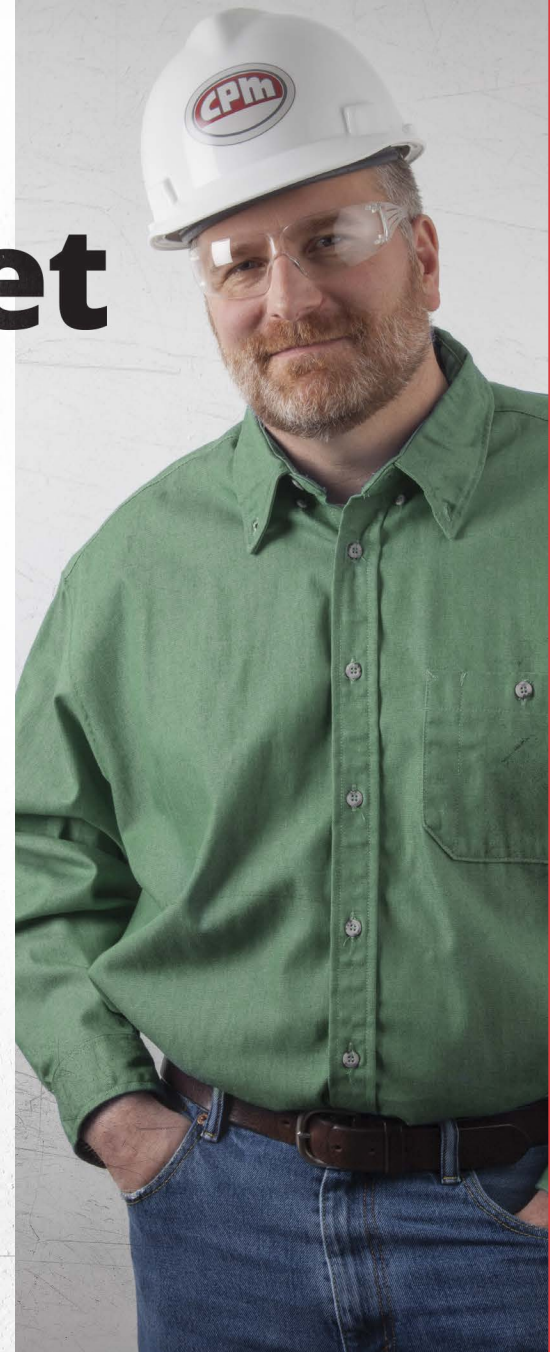
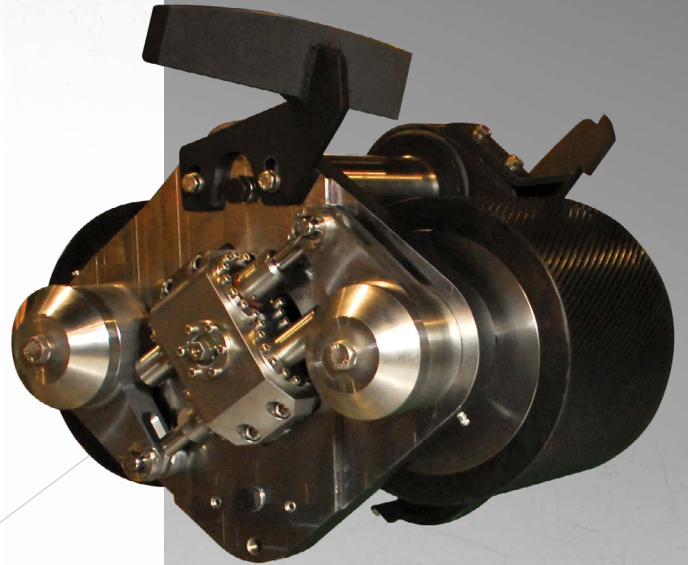
With the Lineator, operators can remotely control the distance between roller and die surfaces while the pellet mill is running. Its compact and reliable design provides swift, accurate, and safe roller adjustment during the pelleting process.

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. They 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

- 7900 industry-standard gear box
- Largest range of die sizes of all CPM pellet mills
- Largest range of gear sets of all CPM pellet mills
- Largest range of horsepower of all CPM pellet mills

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
- Modular gearbox design for production flexibility
- Replaceable quill flange
- Stainless steel pellet chamber
- Single motor for greater efficiency

Specifications and Dimensions

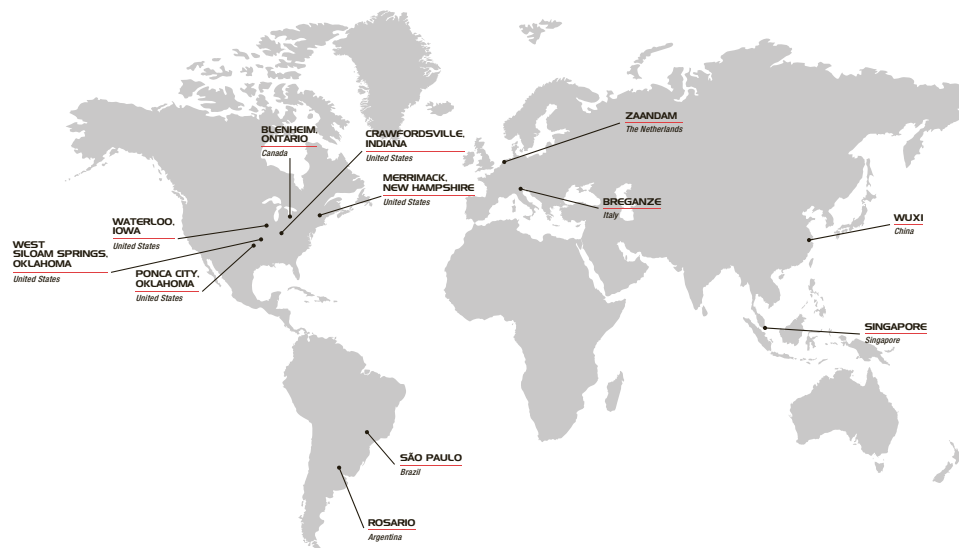
Model	Die ID	Die width	Die Working Area	HP*	Die RPM 60Hz/50Hz	Die Peripheral Speed FPM**
7930-4	30 in	3.7 in	349 in ²	400	180/150	1,696
7930-6	30 in	6.1 in	578 in ²	400	180/150	1,696
7930-8	30 in	8.2 in	777 in ²	400	180/150	1,696
7932-5	32.5 in	4.9 in	500 in ²	400	180/150	1,824
7932-9	32.5 in	9.4 in	964 in ²	450	180/150	1,824
7932-11	32.5 in	10.8 in	1,106 in ²	500	180/150	1,824
7932-12	32.5 in	12.2 in	1,251 in ²	500	180/150	1,824
7936-12	36 in	12.2 in	1,385 in ²	500	180/150	1,989
7936-14	36 in	14.2 in	1,605 in ²	500–600	180/150	1,989

*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 and 1,800 RPM motor.

OPTIONAL FEATURES

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



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