7900 Series
Pellet Mills

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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.



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.

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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.

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.



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LINEATOR REMOTE ROLL ADJUSTMENT

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



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

Key Features

- 7900 industry-standard gear box
- Largest range of die sizes
- Largest range of gear sets
- Largest range of 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

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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 in²	400	180/150	1,696
7930-6	30 in	6.1 in	578 in²	400	180/150	1,696
7930-8	30 in	8.2 in	777 in²	400	180/150	1,696
7932-5	32.5 in	4.9 in	500 in²	400	180/150	1,824
7932-9	32.5 in	9.4 in	964 in²	450	180/150	1,824
7932-11	32.5 in	10.8 in	1,106 in²	500	180/150	1,824
7932-12	32.5 in	12.2 in	1,251 in²	500	180/150	1,824
7936-12	36 in	12.2 in	1,385 in²	500	180/150	1,989
7936-14	36 in	14.2 in	1,605 in²	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, low speed gears, and 1,800 RPM 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.

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From the food you eat to the fuels you require, CPM plays an important role in building a better world. Our experienced team and family of trusted brands are working together to make our planet a better place to live.

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