

MCP | pellet mill controller

optimized pelleting control.

Enhance operations and improve pelleting efficiency with CPM Beta Raven's MCP Pellet Mill Controller. It's the most cost-effective solution for pelleting control without a database. The flexible mounting design ensures it will conform to your unique environment and pelleting process, which means no unscheduled downtime, making your facility 10–15% more efficient.

Advanced interface

Intuitive and easy to operate, the color touchscreen is one of the most advanced operator interfaces available.

Remote monitoring

The optional mobile interface allows for around-the-clock remote monitoring of the pellet mill via wireless access using a tablet or mobile device, making your workforce more efficient.

Increased quality

The MCP ensures machine processes are performed the same way every time, resulting in a significant increase—around 10–15%—in the quality and volume of pellets.



FIGURE 1.1

The MCP touchscreen interface is easy to use and allows maximum control over your pelleting operation.

Equipment controlled by MCP

Source Bin Control

- Bin Gate
- Low Level

Feeder w/VFD

Conditioner

- Conditioner Temperature

Conditioner Added Steam

- Modulating Valve

Liquid Addition (1 liquid)

Pellet Mill

- Dump Chute
- Roll Gap Adjustment
- Roll Speed Monitoring
- Auto Lube

Oil Pump

Oil Cooler Fan

Cooler

- Inlet Feeder/Spreader
- Air Exhaust Temperature
- Pellet Discharge Temperature
- Ambient Temperature

Cooler Fan Control

- Cyclone Plug Switch

Fines Conveyor/Airlock

Pellet Crumbler (optional Full Feature Control)

Upstream Equipment OK Confirmation

Greater overall efficiency

Because of its ease of operation, the MCP optimizes pelleting efficiency around the clock, extending die and roll life, reducing labor costs and injury and improving energy consumption by up to 15%.

Customer service that stands out

At CPM Beta Raven, we set the standard in customer service. Our technicians are available to you 24/7. And with our remote service access, we are able to connect to your system to diagnose and correct issues, eliminating costly service trips. We offer a variety of service plans to meet your operational needs. Call us today.



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Watch the MCP Demo at cpm.net/videos

STANDARD FEATURES

- Production control that can increase efficiency by up to 15%
- Consistency that can increase pellet quality by up to 15%
- Dependability that allows the system to work 24 hours a day
- Up to 15% energy savings and longer die roll life
- Lower labor costs and reduced physical demand due to the ability to operate remotely
- Recipe storage provides repeatability

OPTIONAL FEATURES

- Mobile interface with wireless network router
- Crumbler Control (Full Feature)

See our full line of automation solutions at betaraven.com



BETA RAVEN
Your Automation Partner