



Process Equipment & **Industrial Applications**

ONECPM.COM

With facilities around the globe, we're the world's leading supplier of process equipment to the biomass, ethanol, human consumption, pet food, aquaculture, and hops industries—to name a few.



In fact, we're also the world leader in pelleting, particle size reduction equipment, and automation, and we offer the lowest operating-cost solutions, backed by the best application, engineering, and customer support teams on the planet!

INFO@CPM.NET

Process Equipment & **Industrial Applications**

**we're
the
world's
best...**



We can crack it, dry it, cool it, grind it, break it, flatten it, and pellet it.

You invest a lot of blood, sweat, and tears into every inch of your business, so it stands to reason that, when it comes to the process equipment you choose, quality and efficiency are your top priorities.

CPM has served the industrial markets for over 80 years. In fact, we're the largest designer and manufacturer of pelleting and grinding equipment in the world.

We offer the complete line of pellet mills, size reduction equipment, conditioning systems, coolers, crumblers, and replacement parts. In fact, all our products meet the demands of virtually every conceivable application in the processing industry, and our name is synonymous with endurance, reliability, and excellence.

We've worked with just about everything. So you can rest assured, we know your products.

Process Equipment & Industrial Applications



**we're doing
everything...**

Recycling

Densifying difficult-to-handle RDF and MSW materials is the key to profitable byproduct recycling. At CPM, we have pelleting and grinding equipment with just the right amount of grunt to transform difficult-to-handle materials into uniform pellets with high bulk density.

Food

In food processing, particle size reduction and agglomeration is vital for improved results. With more than 40 years serving the food industries, our machines have worked with every conceivable item on your menu.

Oilseed

Oilseed processing demands cost-effective, high-volume equipment from beginning to end. At CPM, that's what our machines are engineered for. From cracking to flaking to grinding to drying to pelleting, our efficient equipment is built tough to handle even your most rigorous applications.

Pet Food & Feed

Quality and digestibility in pet, livestock, and aquatic feed is critical. That's why CPM offers the lowest operating-cost solutions in the world, backed by the industry's best customer service support. Plus, Beta Raven automation solutions give you receiving, grinding, batching, thermal processing, and extrusion control.

Wood/Biomass

Milling, lumber, wood products, and the construction industries produce large volumes of related byproducts that can be easily turned into profits. CPM works extensively with the wood industries by offering equipment designed to meet their unique needs. Small or large, our machines give you the CPM advantage with built-to-last reliability.

Hops

Hops pelleting requires careful attention to temperature, moisture, feed rates, and overall system efficiency. That's why all of our equipment works together to create efficient and highly dependable grinding and pelleting systems suitable for both small- and large-scale hops pelleting operations.

Process Equipment & Industrial Applications



...and more

Ceramics

High-purity, uniform-shaped alumina pellets must be the highest density and smallest size possible, so our equipment is fine-tuned to industry standards. We design solutions for ultra-high-purity thin film applications, such as fuel cells and solar energy layers.

Abrasives

Carbides, nutshells, rice hulls—when it comes to abrasives, we've seen it all. Our equipment is your solution to abrasives pelleting and grinding challenges you haven't thought of yet, with die and parts materials made with the highest quality to resist breakage, corrosion, and wear.

Chemicals

In chemicals processing, pelleting, and grinding operations, you need equipment that produces cost-effective, precisely weighted and engineered chemical pellets and powders. CPM solutions are designed with chemical-specific applications in mind. We'll work with you to make sure you get exactly the right solution for your needs.

Minerals

Whether large pieces or pulverized dust, pelletized and ground minerals are vital to the agriculture, metal, and biofuels industries. CPM has the toughest machines in the world that just keep running—no matter what mineral types you throw at them. Our equipment is built for around the-clock production.

Ethanol

Ethanol production is at the pinnacle of value-added processing. Fossil energy reduction means cost-effective production. This is why our equipment is the standard in the dry-grind ethanol industry. Our years of ethanol application expertise is unparalleled, ensuring you get the most efficient grinding and pelleting systems available today.

... and everything else

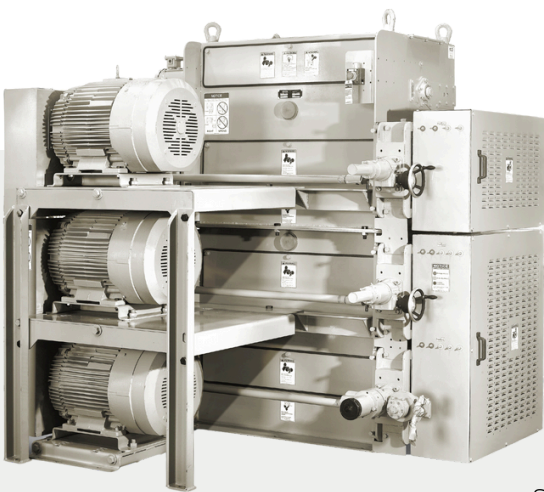
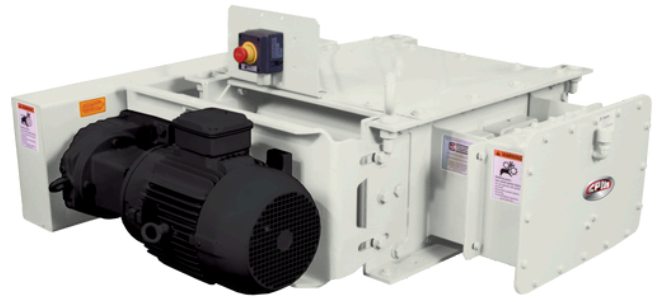
CPM knows your products: from almond hulls to zinc oxide, paper to plastics, crab shells to pecan shells—we've worked with just about everything. We'll take your waste stream materials and turn them into profits. We know this business so well, we have a solution for just about every processing challenge.

Process Equipment & Industrial Applications

Lump Breakers & Crushers

High capacity, coarse and pre-grinding

Built to handle a wide range of materials for the most demanding applications, CPM lump breakers, crushers, and shredders are used for coarse size reduction, reducing both compacted materials and lumps that occur during production, storage, or transportation, as well as large pieces that require pre-processing prior to further size reduction. Our team can help you select the lump breaker, crusher, or shredder that is right for your operation and application.



Roll Crushers

Consistent, uniform grind

CPM Roskamp roll crushers deliver a consistent, uniform grind for varied applications. Engineered for precise particle size control, CPM Roskamp-supplied roller mills and crushers are built strong, with a robust construction for guaranteed, round-the-clock performance. Equipped with high-strength alloy steel rolls for long life and reliability, roll diameters up to 16" and roll lengths up to 84", our machines are designed for the most demanding crushing applications. With a variety of options, including auto feeder and roll gap adjustment capability, they get the job done and are backed by the best applications support in the industry.

Flaking Mills

Highest capacity, consistent quality,
reliable operation

CPM flaking mills utilize the highest-quality chilled iron or indefinite chill roll materials providing the best performance and long roll life. Provided with roll or vibratory feeders, HTD main drive, double-row spherical roller bearings, double-sided V-belt Interroll drive, roll scrapers, and an overall robust design, it ensures high-quality, long and efficient machine life for the most consistent flake thickness in the industry. Flaking roll pressure is applied with hydraulic cylinders on all large machines. Hydraulic roll closure is available on the smaller machines.

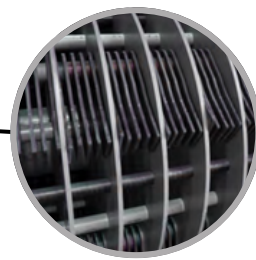
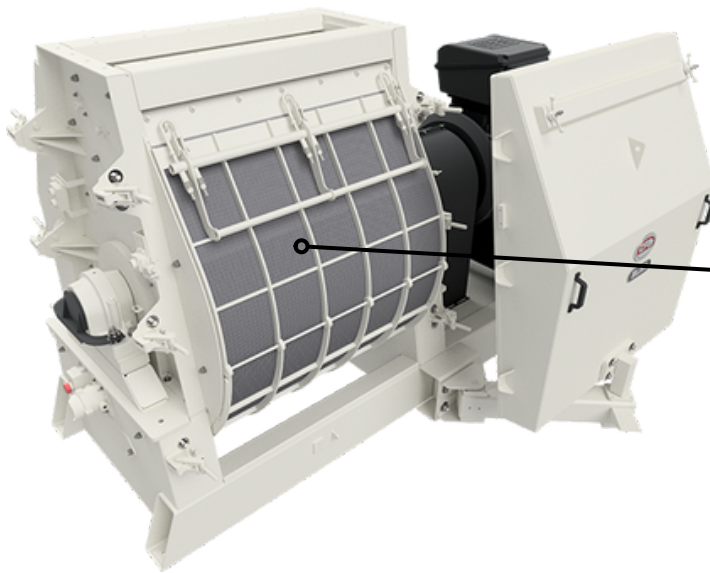


Process Equipment & **Industrial Applications**

Feeders

Wide variety of feeding configurations

CPM Bliss feeders ensure consistent product flow to your equipment, optimizing efficiency and productivity in grinding and size reduction. Our full range of roll, rotary and screw feeders, air separators, and magnet adaptors are available in a host of sizes to fit all CPM grinding processes.



*Grind with hammers
optimized for performance
and wear*

Hammermills

Hard, friable and fibrous applications

Our hammermills are designed to meet a broad range of particle-size-reduction needs and are capable of fine-grinding friable, hard, and fibrous materials. Our fine grind option package and the highest hammer tip speeds in the industry enable finer grinds at higher rates and improved energy efficiencies than others can provide. These rugged, highly efficient hammermills offer standard and optional features for custom grinding and size-reduction solutions and total dependability. On top of offering outstanding ease of operation and maintenance, our hammermills are backed by our world-class service and support.



Process Equipment & Industrial Applications

Feeders & Conditioners

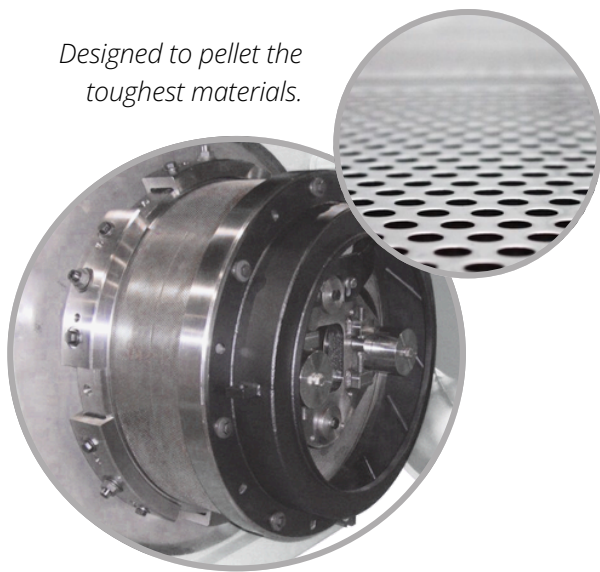
Superior feeding configurations

CPM feeders are designed to handle your material's density and flow requirements.

CPM conditioners are manufactured to provide optimum mixing and conditioning for steam and other liquids. Energy-efficient, direct-drive gear reducers provide a clean installation, and the special discharge array provides uniform flow into the pellet mill. Let the CPM team help you select the right conditioner to reach your retention time requirements.



Designed to pellet the toughest materials.



Pellet Mills

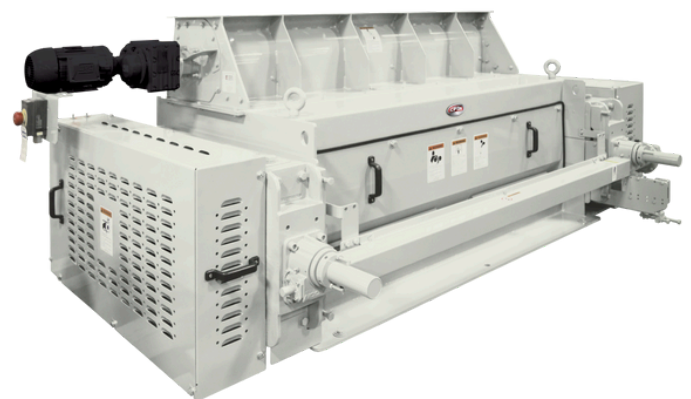
Pounds or tons per hour

Whether it's pounds per hour or tons per hour, you can depend on a CPM pellet mill to meet your toughest requirements. Loaded with features like our proven gear drive train and other details that make your job easier, our pellet mills are built to perfection. On top of the greatest cost-efficiency and ease of operation, our service and support teams are the best in the industry.

Pellet Crumblers

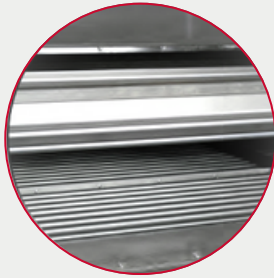
Continuous operation

CPM pellet crumblers are high-capacity, high-efficiency machines with a heavy-duty design and user-friendly features that ensure years of continuous, reliable operation. CPM pellet crumblers range from 10 to 40 tons per hour and can be constructed to match the output requirements of any process. Extensive field research has proved CPM crumblers can produce continuously even output, even under the most adverse conditions.



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*Moving bed design
for efficient drying
and cooling*



Coolers

Optimal drying and cooling

We know optimal drying and cooling solutions depend upon many environmental variables. That's why CPM coolers come in a range of widths and lengths with options to meet your specific cooling needs. Designed with minimal floor space in mind, we have your go-to cooling solution that gives you ease of operation—backed by the best service and support teams in the world.

Parts & Service

There when you need us

Because all of our machinery is built “CPM genuine” in our own factory, we have every part for every machine we make on hand—because when you do require preventative maintenance or repair, you need to know that the parts you need are readily available, so your downtime will be at the minimum. Plus, our customer service experts are always on hand to keep your equipment running efficiently and smoothly.

**To see our full line of equipment,
visit us at ONECPM.net.**



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Have you experienced The CPM Advantage?

We don't disappear when the deal is done. Our team of experts sticks there with you. You get all of us—local representatives, application experts, product engineers, and responsive technical support—365 days a year.

With CPM, you get so much more. We're your complete process partners because we offer a product line to meet the demands of virtually every application in the processing industries. You can depend on our equipment and expertise to help you grind, crush, crumble, break, flake, hull, hammer, shred, condition, pellet, and cool just about anything. We help you maximize efficiency to meet the demands of high-quality pellets, production rates, and flexibility.

This relentless focus on our customers, paired with systems built to last, is a winning combination that we like to call The CPM Advantage. Your success is our success.

Let us Test it **For You**

Test Center

Put it to the test

Our state-of-the-art test center has the full line of process equipment—in place and operational. If you need to know if your product can be processed, let us evaluate it for you. We'll take a small sample of your material and put it through its paces. After your product samples have been generated, you'll receive a detailed viability report and recommendations from our applications engineers and test center technicians. This data information report will help us select the right equipment to meet your needs. Our test facility and experts can help you grind, crush, crumble, break, flake, hull, hammer, shred, cool, pellet, or condition just about anything—so put us to the test.

Talk to your CPM specialist or visit our website for more information.



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.

CONTACT@ONECPM.COM
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