



Trusted Food Processing
for **a Well-Fed World.**

ONECPM.COM

 WOLVERINE PROCTOR

WOLVERINEPROCTOR.SALES@CPM.NET

Single Conveyor
Sanitary SCF Dryer

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Alternating air circulation, product cooling, feeding systems, features and components are carefully selected to meet your production process requirements, and based on CPM's experience. A modular modern dryer design with multi-zone temperatures provides maximum efficiency at each point of the heating/drying process.

Applications

Snack Foods
Nuts, Seeds & Grains
Cereals
Baked & Bread
Product Rice & Pasta
Fruits, Spices & Herbs
Protein Products
Gelatin / SAP
Fiber & Yarns
Rubber & Chemicals
Plastics & Polymers
Clays & Minerals
Pharmaceutical
Petfood
Biomass
Tobacco

Benefits

- Proven design to provide uniform drying, product consistency and microbiological control.
- Low maintenance with predictive and preventative monitoring.
- Fully accessible ultra-high sanitary design with automatic cleaning features.
- Easy to use intuitive smart PLC zonal control of all process parameters, including humidity automation and product moisture sensors.
- Energy efficient, low NOx, fully insulated dryer with air recirculation and heat recovery options.
- Durable all 304S.S. modular design as standard, capacities can be easily increased in future along and supplied with a range of process defined ancillaries and options.

Features

Highly efficient air recirculation system, with multiple air up and down reversals through the product bed, create ideal conditions for the most uniformity in the final dried product.

Most of the drying air is recirculated to conserve energy while via PLC driven optional humidity controls, the correct amount is exhausted after passing through the product to remove the evaporated water.

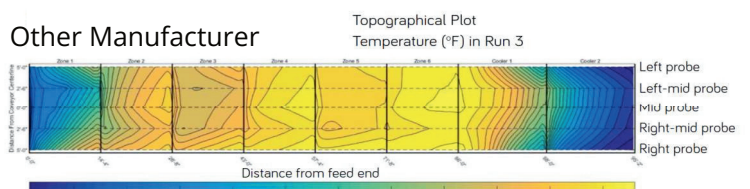
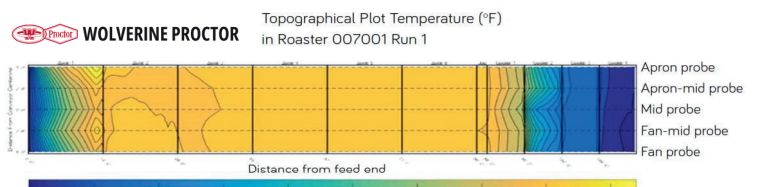
Manual or pre-set recipe control of multiple zoned temperatures, air volumes, conveyor speed, product bed depth and further process parameters, easily allows various products to be dried on the same machine, at maximum rates and energy efficiencies.

Siemens or Allen Bradley PLC, with SCADA/DCS integration, SICK safety controls, datalogging & trend graph of key process parameters including option of onetime calibration near infrared product moisture sensors.

Steam, gas, thermal oil, hot water heating options are available along with recovery systems to recover exhausted energy and integrated or stand-alone cooling design for both ambient and conditioned air cooling.

304 Stainless Steel modular design with additional construction, component and conveyor material options.

Hygienically designed, fully accessible dryer with a range of ultra sanitary features and options including, fully welded watertight sloped drainage floors, panels, interiors, end panels, roof construction, vertical air distribution plates, Teflon conveyor seals, sanitary fans and bearing mounts and a range of automatic cleaning systems.



CPM is a True Partner to Customers Providing Innovative Solutions and **Superior Support.**



CPM's aftermarket service team is there for you very step of the way. From installation, start-up, maintenance and spare parts, CPM's team of experts has a solution for your equipment and process needs. Our team can also fine-tune the operations of your machine, increase production, improve quality and minimize downtime.

Solutions and Benefits

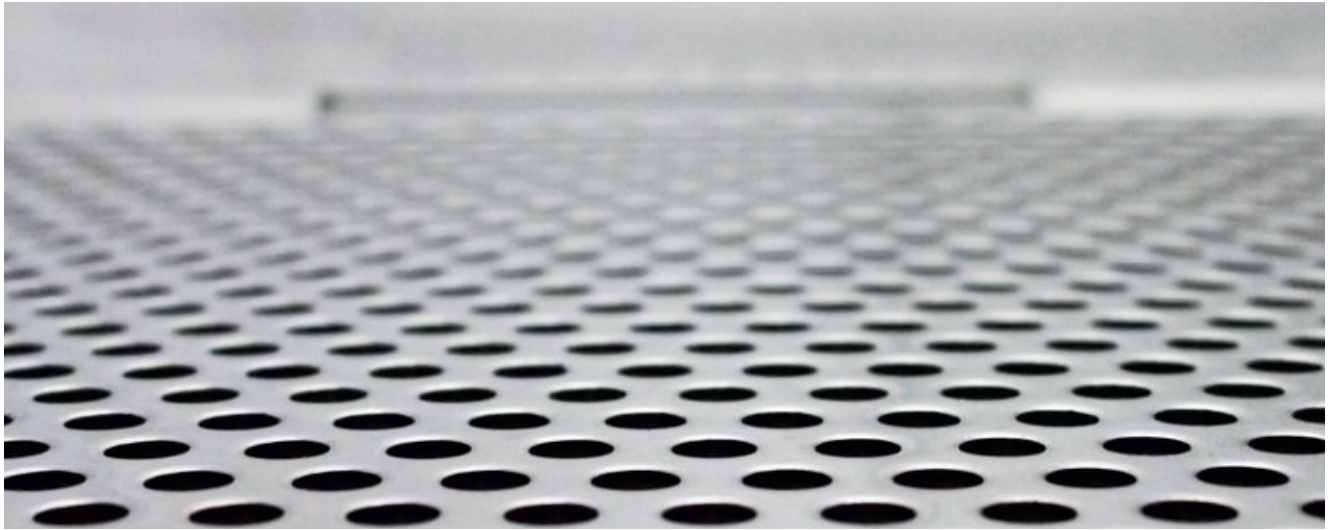
- Dedicated, experienced team to manage your requirements.
- Keep equipment optimized with service agreement to avoid downtime.
- Capability to service and manufacture parts for other OEM's.



Equipment

- Conveyors, coolers and dryers
- Jetzone and fluidized bed type systems
- Flaking, pellet and shredding mills
- Wider process line equipment

Let us Test it **For You**



Innovation Center

With our extensive inventory of processing equipment, our state-of-the-art tech centers offer a range of applications. We can replicate existing processes and develop new processes, allowing us to accurately evaluate a variety of your products and materials. Facilities can also be hired for carrying out confidential product development trials as required.

Skilled engineers and experienced process technologists are located at every tech center. After testing, they'll provide you with data-driven recommendations to optimize your operation.

Available Equipment

- Continuous fluid bed
- Impingement ovens
- Thru circulation dryers
- Belt grills
- Mixers
- Steam kettle
- Extruders (twin screw, auger and rolling)
- Granulator
- Fitzmill, slicer
- Peeler
- Fryer
- Cooler
- Boiler
- Enrobers
- Vacuum filter
- Squeeze rolls
- Centrifuge

Available Testing and Evaluation

- Continuous
- Batch
- Moisture contents
- Water activities
- Brix analysis
- Sieve analysis
- Heat transfer analysis
- And more

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