

CPM

conditioner





# when optimal means optimal.

**CPM**  
**conditioner**



## It's different for everyone

Optimal pellet quality depends heavily on precision thermo-mechanical preconditioning. Or simply put, pellet quality starts in the conditioner. CPM understands this well, but we also know that “optimal” isn't the same for everyone.

Quality pellets are a result of just the right combination of moisture, temperature, and retention time. That's why you need a conditioner with plenty of flexibility, so your end pellets are the best they can be.

CPM offers a market-leading conditioner that gives you maximum performance and flexible configuration—specific to the materials you're pelleting. All with the lowest operating costs on the market today.

## Excellent moisture absorption and temperature increases

Moisture absorption and temperature increases are critical to the quality of your finished pellet. CPM's conditioner adds steam in high volumes at low velocity, ensuring temperature increases and retention times are ideal throughout the pelleting process.

## Ideal mixing and retention times

How long the material remains in the conditioner depends on your unique end-pellet requirements. Time and temperature combine to drive moisture and heat into the center of the material. CPM conditioners deploy wide, adjustable paddles to ensure consistent mixing and the best possible conditioned material.

## Flexible configurations for unique plant layouts

Not every plant has the same layout or size, and as most process operators know, space is valuable. CPM conditioners enable single or stacked configurations, so you can maximize your available space. And to ensure conditioning is optimized, we have flexible, or available, mounting options within your plant's vertical or horizontal limitations.

## Convenient design for access and maintainability

CPM conditioners have uniquely hinged inspection covers that give you easy access to the paddles and settings. This ensures that adjustments can be made to the paddle configurations quickly, easily, and safely.

## Highly customizable and highly reliable

Because the needs and configurations of a process plant vary, CPM conditioners are custom manufactured to your plant's needs. Gear reducer drives can be added to either the inlet or the discharge end; hinged inspection covers can be placed on the left or right side; and steam can be piped to the conditioner on either side.

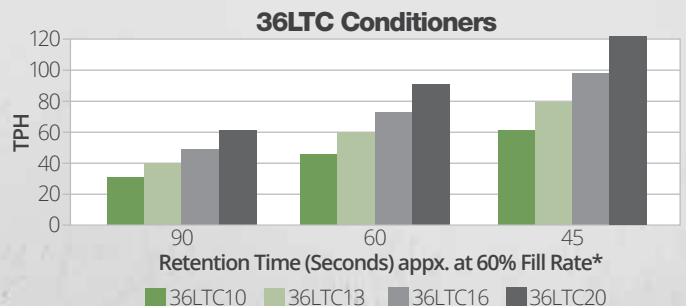
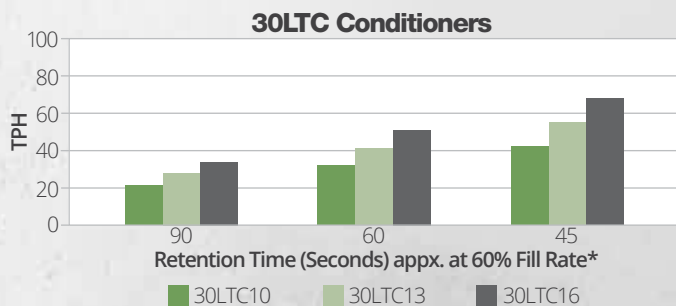
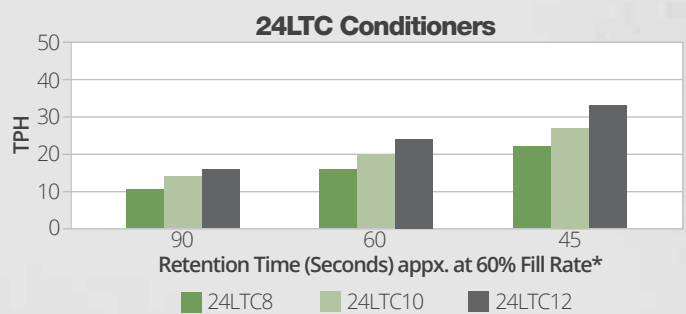
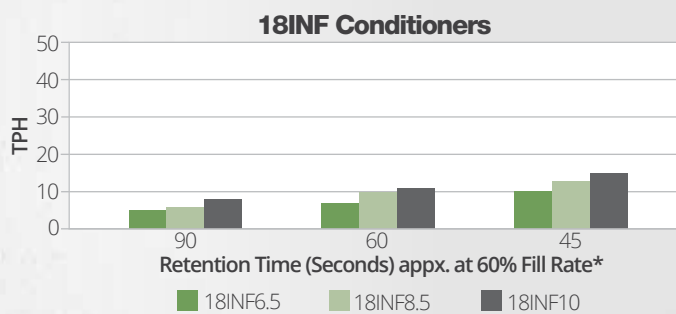


*Inspection covers for easy access and adjustment*

## Maximum conditioning—hands down

Not all processing conditions are identical. At CPM, we know that different materials require different conditioning, which is why our conditioners come with shaft speeds ranging between 65 and 200 RPM. You can then maximize the mixing of steam, water, and other liquids to ensure your final pellets are optimal for your purpose.

## Whatever your needs are, we have a conditioner to fit



\*Based on a density of 35 to 36 pounds per cubic foot at standard shaft RPM.



## CONTACT US

To learn more about our conditioners and other processing equipment, contact a CPM representative or visit [cpm.net](http://cpm.net) today.

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## Specifications and Dimensions

CPM Model	Conditioning Diameter X Length*	Standard HP
18INF6.5	18" x 6.5' (457 x 1,981 mm)	7.5
18INF8.5	18" x 8.5' (457 x 2,591 mm)	10
18INF10	18" x 10' (457 x 3,048 mm)	15
24LTC8	24" x 8' (610 x 2,438 mm)	15
24LTC10	24" x 10' (610 x 3,048 mm)	20
24LTC12	24" x 12' (610 x 3,658 mm)	25
30LTC10	30" x 10' (762 x 3,048 mm)	25
30LTC13	30" x 13' (762 x 3,962 mm)	30
30LTC16	30" x 16' (762 x 4,877 mm)	40
36LTC10	36" x 10' (914 x 3,048 mm)	30
36LTC13	36" x 13' (914 x 3,962 mm)	40
36LTC16	36" x 16' (914 x 4,877 mm)	50
36LTC20	36" x 20' (914 x 6,096 mm)	60

\*Approximate dimensions

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