

ROSKAMP RM/HX 1200/1600

SERIES

roller mills





that's how we roll.

ROSKAMP
RM/HX 1200/1600
SERIES
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Built to perform

For feed or ethanol processing—or any application that requires reliable crushing, 24 hours a day, seven days a week, 365 days a year—our 1200/1600 Series Roller Mills are the best in the business.

We're talking heavy duty equipment that crushes the competition. As we like to say, "Put us on a scale." The sheer mass of our roller mills means they stand up to the rigors of the most demanding grinding applications. Engineered for optimum reliability and longevity, Roskamp roller mills lead the industry in cost of ownership—with the lowest energy consumption per ton processed and the lowest overall cost per ton of production over the life of the mill. There's no better investment you can make in your business.

Better construction for a better grind

It starts with a solid, fabricated frame structure and powerful cross members to support the weight of its rolls, which remain stationary and parallel. Rolls are cast from premium quality chilled iron, and machined and ground to the highest technical specifications. Strength and durability are built in.

We spare no detail from the scrutiny of our quality standards, and the results come to you in the form of a better, more homogenous grind. Our mills produce the tightest standard deviations in the industry.

This means better feed conversion, higher quality feed, and better nutrition.

The best possible roll life—hands down

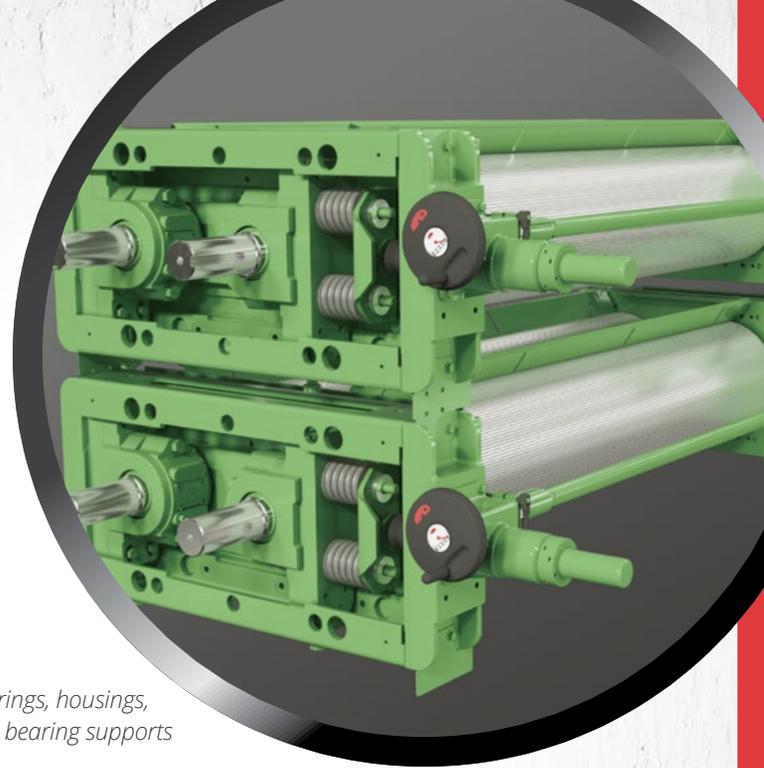
With self-aligning, spherical roller bearings—as well as a tapered bearing bore with adapter sleeve—you get a positive-locking fit with the shaft, which prevents fretting. All of our bearing lube ports are identifiable and easily accessed for scheduled maintenance with minimal fuss. Plus, bearing housings and bearing supports ensure positive roll tram for positive particle size control.

One-point roll adjustment? You bet

Our unique single-point roll adjustment is made by machine jack screws. This means that the rolls remain parallel throughout the adjustment range. Plus, the positive roll stop offers maximum protection against roll-to-roll contact. Bottom line: Adjusting your rolls is faster and easier than you can imagine.

Corrugation counts

CPM will corrugate your rolls to your specific needs. Upgrade to our innovative **Blue Roll Technology** and extend the life of rolls and corrugations at least two times longer than standard corrugation life. It also means increased production time, improved maintenance and safety, and reduced operation costs. As always, CPM can recorrugate your rolls multiple times.



*Bearings, housings,
and bearing supports*



it's not cheating— it's The CPM Advantage

We have a saying around here—it just runs. Our machines can operate under strenuous conditions 24 hours a day and not break down. That means less costly downtime and better profits for your business, regardless of your industry. With our enviable reputation and unparalleled history of innovation and engineering, you're investing in the very best.

We're all about great here—great systems, great equipment, great controls, and great engineering. This gives you an edge over your competition, which means you'll be great, too. We're constantly striving to invent and improve and move the industry forward. It's called The CPM Advantage, and it's something you can't fake.

RM/HX 1200/1600 series Roller Mill options

Roll feeder

The roll feeder has a separate drive and is combined with an adjustable feed gate, giving you more precise feed rate control. The feeder delivers superior consistency with a curtain-like in-feed, eliminating roll surging. This improves the standard deviation, or uniformity, of the grind. A heavy-duty magnet removes tramp iron from the product stream and tips or swings out of the feeder housing for ease of cleaning. The feed gate can be manually, air, or electrically actuated.



Roll feeder

Linear feed gate actuator

If you produce a variety of finished products, choose a linear feed gate for optimal roll feeder control and infinite adjustability. It provides positive shutoff and eliminates surging, with a manual handwheel for override capabilities. Plus, it utilizes a 4-20 mA signal, so it won't lose its place while counting.

Pocket feeder

A volumetric rotary pocket feeder with separate drive is available as an alternative to a roll feeder. This allows flow-rate control and positive shutoff through the use of a variable frequency drive. The tip- or swing-out magnet is included as standard. The pocket feeder can easily be adapted to automated load control.



Pocket feeder

Models and Descriptions

CPM Model	Maximum HP	Approx. Weight lbs (kgs)
SPRM1200-24	30	6,850 (3,107)
SPRM1200-30	40	7,250 (3,289)
SPRM1200-36	50	7,650 (3,470)
SPHX1200-42	60	8,050 (3,651)
SPHX1200-52	75	8,700 (3,946)
SPHX1600-30	50	7,500 (3,402)
SPHX1600-36	60	9,000 (4,082)
SPHX1600-42	75	10,500 (4,763)
SPHX1600-52	100	13,000 (5,897)
DPRM1200-24	60	10,700 (4,853)
DPRM1200-30	80	11,500 (5,216)
DPRM1200-36	100	12,300 (5,579)
DPHX1200-42	120	13,100 (5,942)
DPHX1200-52	150	14,400 (6,532)
DPHX1600-30	100	12,367 (5,610)
DPHX1600-36	120	14,840 (6,731)
DPHX1600-42	150	15,128 (6,862)
DPHX1600-52	200	18,730 (8,496)
TPRM1200-24	90	13,550 (6,146)
TPRM1200-30	120	14,450 (6,554)
TPRM1200-36	150	15,350 (6,963)
TPHX1200-42	180	18,250 (8,278)
TPHX1200-52	225	20,600 (9,344)
TPHX1600-30	150	19,867 (9,012)
TPHX1600-36	180	23,840 (10,814)
TPHX1600-42	225	25,442 (11,540)
TPHX1600-52	300	31,500 (14,288)

Quick reference to CPM Model Number System

Using the example Model Number: DPHX1200-52

SP = Single Pair High
 DP = Double Pair High
 TP = Triple Pair High

RM = Lower Horsepower
 HX = Higher Horsepower

1200 = 12 in (305 mm)
 1600 = 16 in (406 mm)

52 = Roll Length (in inches)

CONTACT US

To learn more about our powerful roller mills and other processing equipment, contact a Roskamp Champion representative or visit cpm.net today.

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