

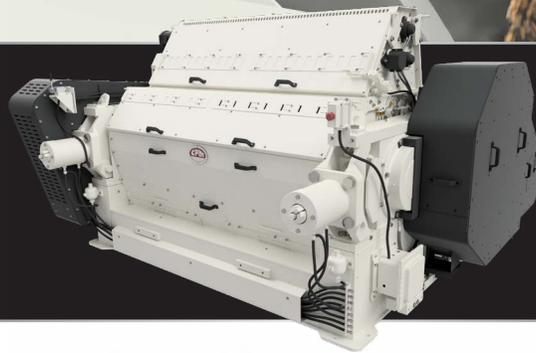
ROSKAMP
SP
SERIES
flaking mills



built for life.



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The perfect flake— every single time

If it's optimal performance you want, look no further than a Roskamp SP Series Flaking Mill. Consistently uniform flakes are what you get, and at a higher capacity for the same amount of energy as the other guys.

High performance efficiency

These high-capacity, high-efficiency machines have the lowest operating cost in the industry; they keep running around the clock, year after year. That's 24/7 performance with no unexpected downtime, and continuous quality flakes—even under the toughest flaking conditions.



Uniform distribution of feed

The roll feeder on SP Series Flaking Mills ensures uniform distribution of feed across the rolls, utilizing a lump breaker, corrugated feeder roll and flow directors to prevent material from passing around the rolls. This ensures continuous maximum performance.

Around-the-clock operation

At the heart of a Roskamp SP Series Flaking Mill are the rolls and bearings. The rolls are available in a variety of roll material options. Constructed from high-quality alloy steel, the roll shafts include an oil channel to aid bearing removal, and the double-row, self-aligning, spherical roller bearings are mounted in cast-steel, square housings to last the full life of the rolls.

Strength and endurance come standard

Roskamp's SP Series Flaking Mills have long set the standard in strength and longevity. The base is fabricated from heavy-plate steel, and filled with high-density aggregate. Plus, the base has double-wall, box-type construction that ensures continuous operation and low maintenance. It features replaceable wear plates and counterweighted scraper blades.

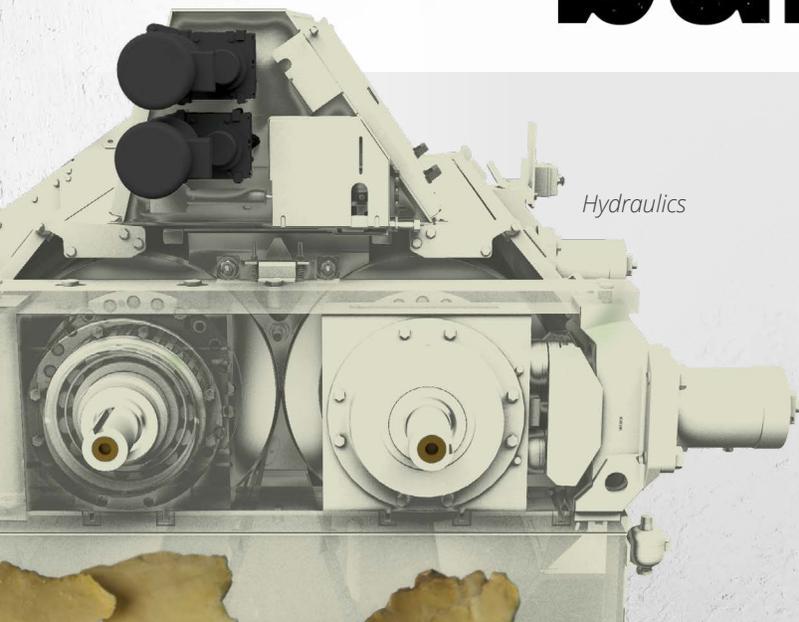


Scrapers

Perfect flake uniformity

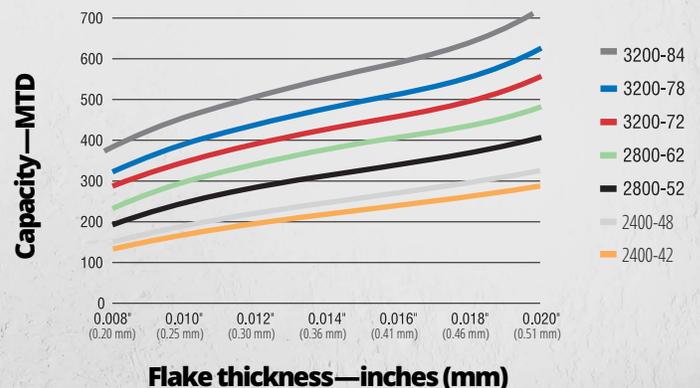
The hydraulic system incorporates dual-acting hydraulic cylinders and preloaded spring stacks, making uniform flakes a guarantee. The cylinders apply force directly to the rolls, while maintaining pressure during operation, ensuring uniform flake thickness. The cylinders also allow the rolls to be separated for cleanout.

built to last.



Hydraulics

Flaking mill capacity—MTD





SP 2800 flaking mill

SP 3200 flaking mill

Low maintenance

The three-piece roll housing design allows access to the rolls from both the front and rear of the flaking mill. The Clean-in-Place system, complete with steel cheek plates, allows for cleaning during operation. Inspection doors, product sample, and roll temperature ports are provided for operators to monitor flake thickness and roll performance.



Roll housing base

Energy-efficient and reliable

The inter-roll (differential) drive has double-sided V-belts and a hydraulic tensioning system. Correct belt tension at all times ensures long belt life with superior efficiency.

Flexible and configurable

With unprecedented flexibility, SP Series Flaking Mills are engineered to fit your installation. A high-torque drive can be set as right- or left-handed, and configured in either C-flow or optional Z-flow. Plus, a variety of differential ratios will meet your unique application.



Inter-roll drive

CONTACT US

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

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