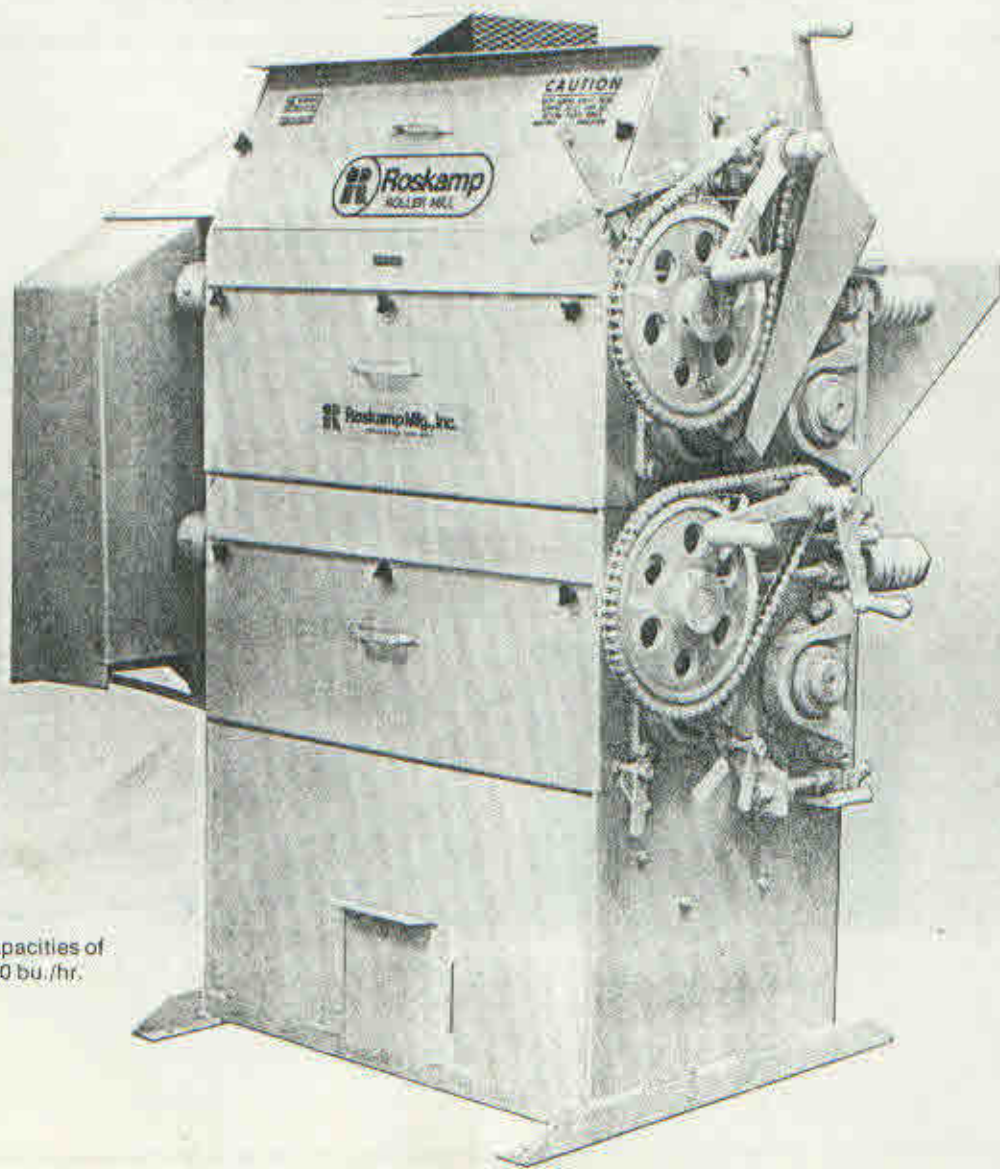




Roskamp Series 9 Roller Mills



Rolling capacities of
100 to 3600 bu./hr.

Roskamp Mills roll more accuracy, efficiency and profitability into your feeds.

Save Feed Grain, Electricity and Upkeep Expense

More and more livestock feeders are demanding precision processing of feed grains for maximum conversions into meat, milk, poultry and eggs.

Roskamp Roller Mills provide that degree of accuracy. They deliver uniformly reduced grain -

every particle alike - with an extremely low percentage of fines. A more palatable feed for livestock. A more profitable feed for every feeding situation.

These Series 9 Mills operate more efficiently, too - use less electricity (under 5¢ to crack 100

bu. of corn), require less maintenance through a lifetime of service. For most units, total operational cost per ton of grain processed (including depreciation, interest on investment and upkeep) is less than 15¢.

Series 9 Features

Feed Slide Adjustment - Sets feed control slide for rate of flow-through.

Adjustable Roll Control - Moves both ends of adjustable roll equally against stationary roll to vary size reduction from coarse to fine.

Locking Handle - Prevents adjustment handle from moving after roll is brought to position.

Solid White Iron Rolls - Hard all the way to the shaft! Extremely wear-resistant. Will roll from 100,000 to 2,000,000 bu. before re-coring is needed (depending on size of grooving and length of roll). Can be re-coringated from 10 to 15 times before they are too small to use.

Agitator Drive - V-belt

Roll Adjustment Handle - Rotates eccentric to move adjustable roll to desired operating position.

Compression Spring - Releases shock to rolls and bearings from stones and other foreign materials.

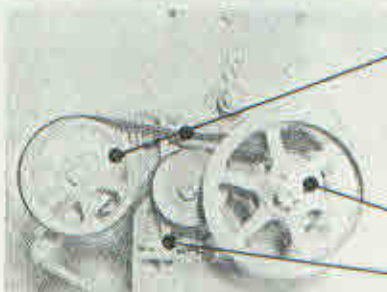
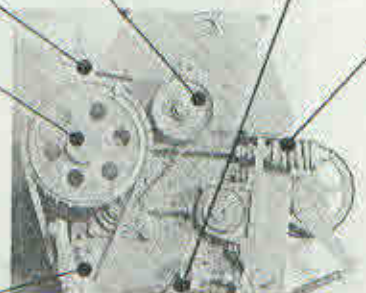
Rotor Agitator and Feed Control Slide - Distributes grain uniformly from end to end of rolls - sets rate of flow through machine to capacity of material rolls.

Easy Access Inspection Panels

Inter-Roll Drive - Silent-operating double V-belt synchronizes floating roll instantly. Drives at same speed as motor driven roll. Assures quick starting, faster action, maximum rolling. (Differential inter-roll drives for finer reductions are available.)

Main Drive Sheave

Threaded Rod - Adjusts rolls end to end for uniform coating across entire length of rolls.



Shorty Single Pair Roller Mill



A shorty model 40" high. Discharges rolled product out the front at floor level. Same machine 30" high discharges beneath rolls (often used for high moisture grains). Motor mounts in back. Optional: built-in horizontal discharge auger, extension out to 8 feet. **Basic Dimensions (9 x 30 Model):** floor space 49" x 53"; height 40".

Standard Single Pair Roller Mill

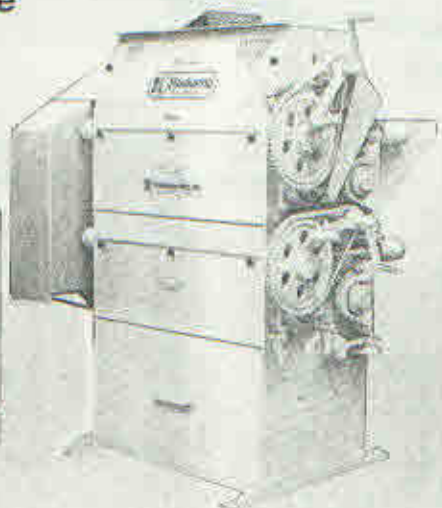


This 54" high model is furnished with discharge spout 15" from the floor for gravity drop into leg, auger or mixer. The motor is located under the rolls, occupying a minimum of floor space. **Basic dimensions (9 x 30 Model):** floor space 37" x 53"; height 54".

All-Purpose Two-Pair High Roller Mill



Optional
Front
Discharge



Two sets of solid white iron rolls. Top bank has coarse grooves for cracking; bottom bank has fine grooves for crimping. Use both banks together for double reductions — extra fine processing. Each pair of rolls used singly has same capacity as a single-pair mill. **Basic dimensions (9 x 30 Model):** floor space 49" x 55"; height 57".

Giant Two-Pair High Roller Mill



Standard
Front
Discharge



Double-duty because it will process two grains at the same time. Or use like the All-Purpose mill for double reduction. Both top and bottom pairs of rolls may be corrugated the same — for double capacity. Each set of rollers has a separate feed hopper and discharge spout. (Shown above with optional diverter.) **Basic dimensions (9 x 12 Model):** floor space 47" x 34½"; height 69".

Heavy-duty Series 9 Mills are designed for long, dependable service, maximum capacity. White iron rolls are corrugated to crack corn or sorghum . . . crimp barley, oats and wheat.

Series 9 Accessories:



Magnetic Scalper - Foot-proof - easy to service



Barnacle Magnets - When using multiple grain spouts from overhead bins (also desirable with shaker scalper)



Shaker Scalper - Where stones are a problem in small grains.



Hopper Magnet (grid type) - Sets in hopper, strains out foreign objects - magnetic and large non-magnetic. Capacity - 600 bu./hr.

Roskamp manufactures a complete line of roller mills for rolling dry and high-moisture grain, reconstituting or flaking (with or without steam chamber), with rolling capacities of 100 to 3600 bu./hr. (3 tons to 100 tons/hr.)

WARRANTY

If for any reason the Roskamp Roller Mill is not satisfactory after 30 days trial, the purchaser has the right to return the machine freight collect (if in the United States), and the entire amount paid will be refunded. Roskamp further guarantees the mill against defects in material or workmanship for one year.

All Roskamp Chilled Iron Rolls are guaranteed operable for ten years from the date of purchase (exclusive of roll resurfacing or damage due to foreign matter or tramp iron) when used in normal grain processing operations.

Mill Capacities and Horse Power Requirements

*Basic Weights Used in Preparing Chart

Roll Size	Required H.P.		Gr. /In.	Hi-Moisture Corn *(70#/bu.)		Dry Corn *(56#/bu.)		Milo *(56#/bu.)		Wheat *(60#/bu.)		Oats *(37#/bu.)		Barley *(50#/bu.)		Corn Silage #/min	Milo Silage #/min	Barley Silage #/min	
	Single Pair Mill	Two-Pair High Mill		bu /hr	# /min	bu /hr	# /min	bu /hr	# /min	bu /hr	# /min	bu /hr	# /min	bu /hr	# /min				
9x12	7½	10	4½	546	636	600	560												
			10	215	250	240	223	240	222	120	120	125	77	120	100				
			13	132	152	160	149	180	149	95	95	88	53	88	72				
9x18	10	15	4½	819	954	900	840									400			
			10	322	375	360	335	380	333	180	180	187	115	180	149		260	80	
			13	199	229	239	181	239	223	131	131	131	79	131	108				
9x24	15	20	4½	1092	1272	1200	1121									538			
			10	430	500	480	446	480	444	240	240	250	154	240	199		370	107	
			13	264	305	319	297	319	298	175	175	175	108	175	144				
9x30	20	25	4½	1365	1590	1500	1401									667			
			10	537	624	600	558	600	555	300	300	312	192	300	249		460	136	
			13	330	381	399	372	399	372	219	219	219	132	219	180				
9x36	25	30	4½	1638	1908	1800	1681									800			
			10	644	749	720	670	720	666	360	360							580	180
9x48	30		4½	2184	2544	2400	2242												

SALES AND SERVICE



Roskamp Mfg., Inc.