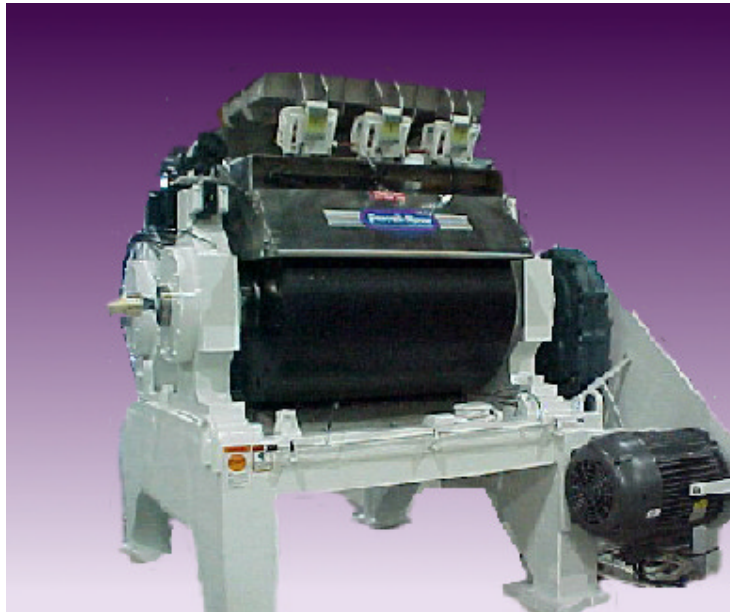


The Ferrell-Ross 32x40 Flaking Mill



To meet the capacity and the sanitary requirements of today's cereal and food industry, Ferrell-Ross has developed a flaking mill incorporating a pair of 32" diameter x 40" long flaking rolls.

The 32x40 is just one of many flaking mills offered by Ferrell-Ross. Designed to meet the high standards of today's cereal plants, these mills are easy to operate. Standard features include roll cooling, oscillating scrapers and stainless steel product zones. The open design allows for maximum cleaning inside and out.

Feed and distribution of the product is controlled with a vibratory feeder. The stainless steel chute guides the flow of product into the nip of the rolls, minimizing bounce and increasing the quality and capacity.

Roll pressures are maintained by using hydraulic

cylinders. Roll protection is supplied by the combination of hydraulic cylinders and accumulators.

Double row spherical bearings are mounted in large bearing housings. One housing is stationary and the other pivots on a hardened pin. Mechanical roll stops are mounted between the bearing housings to set and maintain roll clearance.

The finest chilled cast iron rolls are fitted with through alloy journals and double row spherical roller bearings. Rolls are finished, cored and journaled for water cooling. Optional drilled rolls are also available for improved cooling.

Oscillating roll scrapers are furnished with plastic or hardened steel blades and are operated with air cylinders. Pressure is adjustable by air regulators.



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www.atferrell.com

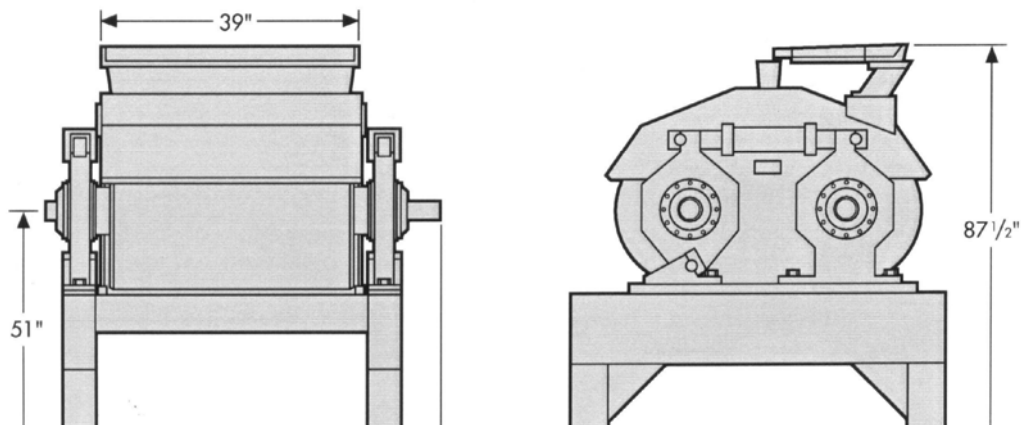
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Specifications

Rolls cored for water cooling		Roll Protection accumulator	
Chilled cast iron or indefinite chill as required			
48 to 54 Rockwell CCI to depth of 5/8" to 3/4"		Roll Stops mechanical stops between bearing housings	
Roll Diameter	32"	Feeder electromagnetic vibratory w/ stainless steel pan	
Roll Length	40"	Roll Scrapers	Oscillating
Journals	drilled and tapped for water cooling	Pressure adjustable by air regulator	
	One piece through all or bolted on to	plastic, hardened steel or other material as required	
	increase cooling 8 15/16" through bearings	Roll Housing	stainless steel
Bearings	spherical roller bearings	Mill Base	welded carbon steel
End Plate/Saddle	plastic/aluminum	Roll Pressure	large hydraulic cylinder & air over oil hydraulic pump
Drive	adjustable, vertical and horizontal 2 x 40 HP or 2 x 60 HP motors		

Dimensions (inches)



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