

Degelman

ENGINEERED TOUGH

**RENN
ROLLER MILLS**

**RENN
HAMMER MILLS**

**RENN
BAGGER MILLS**

**RENN
AUXILIARY MILLS**

RENN GRAIN PROCESSING



GET CONSISTENT GRAIN PROCESSING QUALITY YOU WANT WITH RENN MILLS

RENN understands that in grain processing, the end result is everything.

Whether you feed 200 cow/calf pairs, 60,000 beef cattle, or 10,000 dairy cows, RENN's durable Roller Mills, Hammer Mills (Grinders), and Bagger Mills offer a flexible design that delivers consistent, high-quality feed for any type or size of livestock operation.



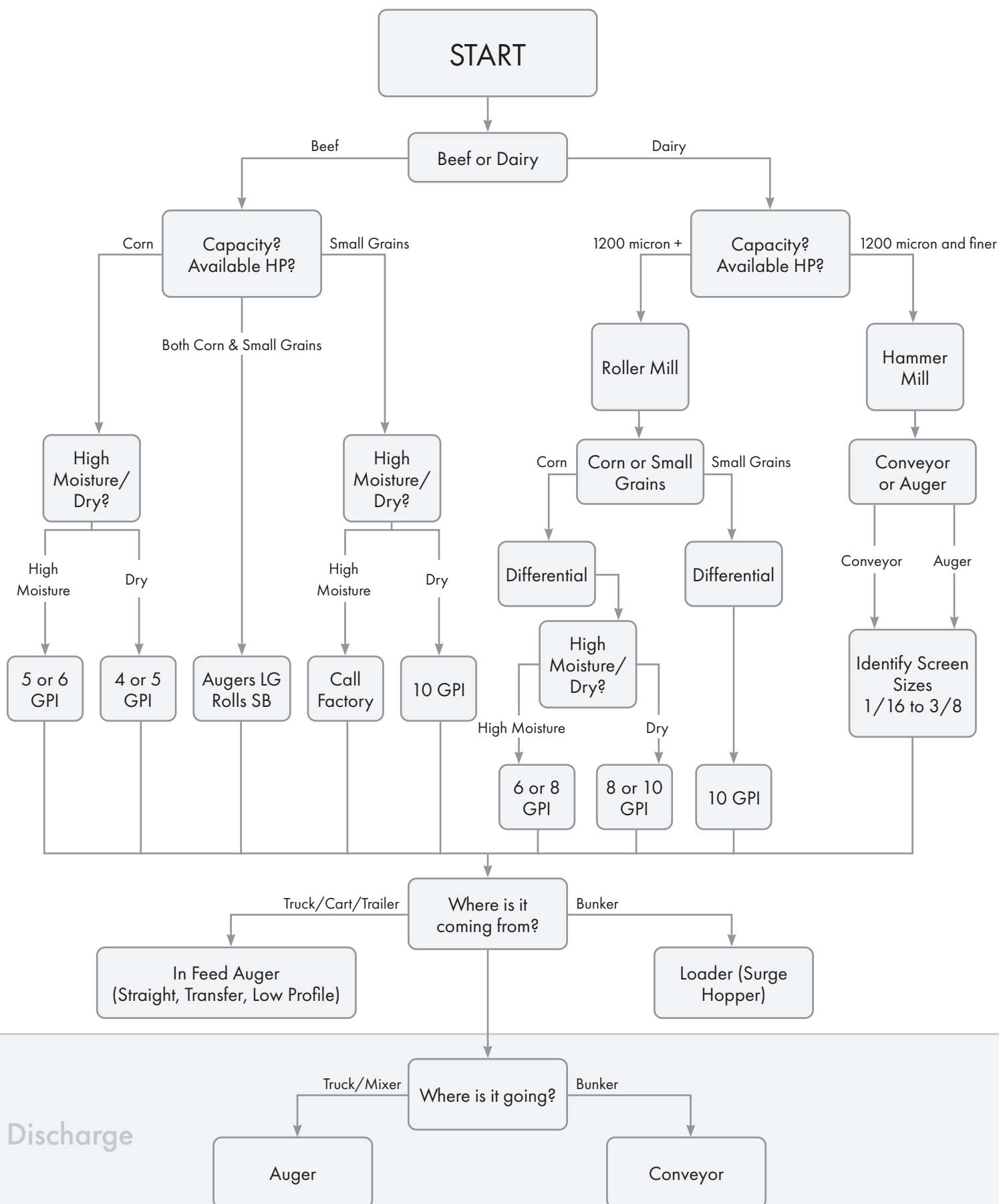
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403.784.3518



CHOOSE THE MILL BEST FOR YOUR OPERATION



RENN ROLLER MILLS

RENN Roller Mills can be tailored to meet the needs of any grain processing application.

We offer two different types of rolls – steel or cast; multiple roll configurations ranging from 2 to 12 grooves per square inch depending on the particle size you require – and a variety of input and discharge options, including our Conveyor Discharge Mill, Electric Roller Mill, and Auger Discharge Mill. We offer so many choices so that we can build a Roller Mill that is perfectly designed to consistently meet the specific grain processing needs of your dairy or beef herd.

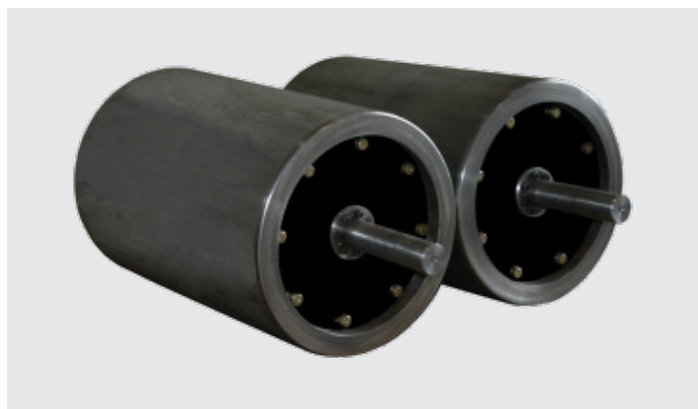


Maximize Productivity

RENN Roller Mills have a proven record of excellence in the grain processing industry for maximizing productivity while providing durable, consistent performance and easy serviceability roller mill parts.

For 60 years the heart of the RENN Roller Mill has been its precision-machined 16" diameter rolls, which provide more grain rolling area per revolution compared to other brands of roller mills with smaller diameter rolls. RENN Roller Mills save time and money year after year by rolling more grain per hour with less horsepower.

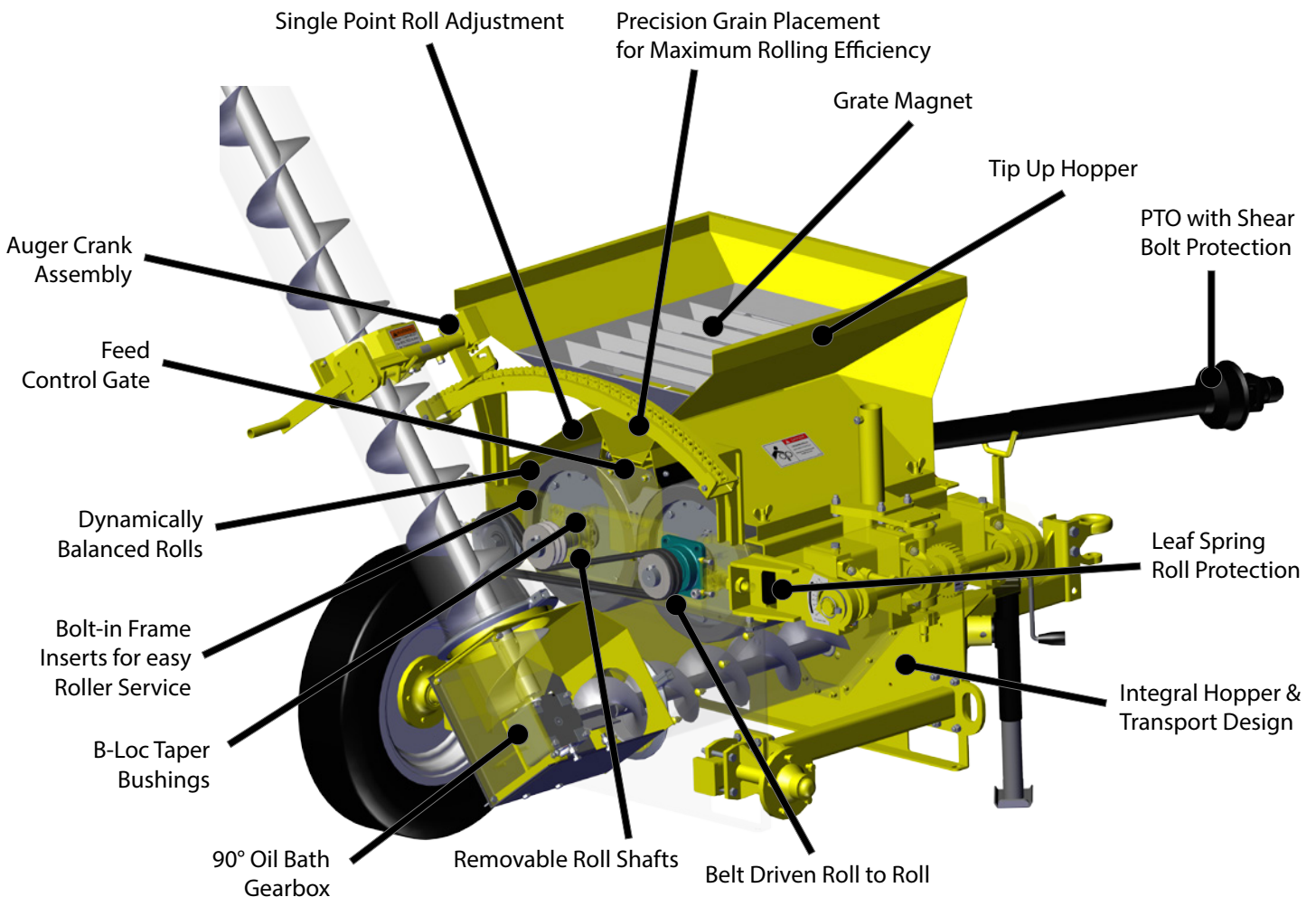
RENN's unique, centrifugally-poured, chill-cast rolls are its latest advancement in rolling technology, giving you the long-wearing durability of cast rolls with the enhanced serviceability of removable shafts and end plates.



Low Power Requirement

Unlike conventional, solid-core cast rolls, our 16" diameter casting with a 3" thick sidewall provides the performance of chill-cast rolls with the advantage of a lower power requirement and better economics, as you are no longer paying for the unusable centre core of the roll.

The RENN Roller Mill design ensures operator efficiency and time-saving serviceability. The RENN worm drive roll adjustment allows for easy roll gap adjusting while the RENN leaf spring holds the rolls in place for maximum rolling capacity. The rolls can be pulled for service in minutes due to RENN's tip-up top hopper and split frame design, making it fast and easy to re-groove and re-install them, for thousands more tonnes of trouble-free rolling.



Elevator Discharge Mill / Crimper Mill

The optional RENN 40% Differential Drive has idler and driver rolls positively driven at two different speeds for optimal particle reduction or high moisture rolling. It is also self-cleaning to prevent plugging. RENN Roller Mills are available in PTO powered trailer or Electric Stationary models, and offer various input, power, and discharge options. PTO models have a minimum power requirement of 30 to 250 horsepower, while Electric Stationary units operate with a minimum power requirement of 10 to 60 horsepower.

MAXIMUM RATED GRAIN CAPACITY

Model	Barley		Corn		Oats		Wheat	
	t/hr	bu/hr	t/hr	bu/hr	t/hr	bu/hr	t/hr	bu/hr
RMC 60T	64	3000	334	12500	42	2500	136	5000
RMC 60	32	1500	167	6250	21	1250	68	2500
RMC 3x 48	88	3600	402	15000	53	3000	162	6000
RMC 48T	52	2400	268	10000	36	2000	108	4000
RMC 48	26	1200	134	5000	17	1000	54	2000
RMC 36	19.5	900	101	3750	12.9	750	40.8	1500
RMC 24	13	600	67	2500	8.6	500	27.2	1000
RMC 12	6.5	300	33.5	1250	4.3	250	13.6	500
RMC 12S	4.9	225	25.1	935	3.2	185	10.2	375

Capacity will change with moisture content, roll configuration, and particle size desired



Discharge Systems

- **Auger Discharge** - Built for operator efficiency and serviceability, it comes in 7", 8", 10", 12", and 14" diameter sizes and is available in most RMC models.
- **Conveyor Discharge** - Designed to process large volumes of high moisture grains quickly, RENN offers conveyor sizes of 18", 24", 36", and 48".

SPECIFICATIONS

RENN Roller Mill Model	Roll WxD (in.)	Shaft Dia. (in.)	Min. Elec. HP	Min. (PTO) HP	PTO Std. *	Auger Discharge	Conveyor Discharge	Hyd. Feed Auger	Differential Roll Speed **
RMC 60T	Two 60x16	3 7/16	N/A	200	1000	N/A	36"	N/A	2x 16cc Belt
RMC 60	60x 16	3 15/16	N/A	130	1000	14"	24"	12"	2x 8cc belt
RMC 3x 48	Three 48x16	2 15/16	N/A	250	1000	N/A	36"	N/A	N/A
RMC 48T	Two 48x16	2 15/16	N/A	180	540/1000	N/A	36"	N/A	2x 16cc belt
RMC 48	48x16	2 15/16	N/A	110	540/1000	12" or 14"	18"	12"	2x 8cc belt
RMC 36	36x16	2 15/16	N/A	90	540/1000	10" or 12"	N/A	10" or 12"	12cc belt
RMC 24	24x16	1 15/16	20	60	1000	7" or 10"	N/A	6" or 8"	8cc belt
RMC 12	12x16	1 15/16	12	30	540	7" or 8"	N/A	6" or 8"	3bb belt
RMC 12S	12x12.75	1 15/16	10	N/A	N/A	N/A	N/A	N/A	N/A

* PTO Speeds can vary with rolling requirements (contact factory for details)

** Power requirement increases by 50% for differential drive units

RENN HAMMER MILLS

High-Capacity, High-Moisture, Fine Particle Reduction with RENN Hammer and Grinder Mills

Dairy and commercial livestock operations that require a very fine grind (finer than 1,200 microns) and need to process large volumes of high-moisture grain should look no further than the RENN 22" diameter, full circle Hammer Mill (Grinder).

Offering the same proven durability and performance of our Roller Mills, RENN Hammer Mills (Grinders) feature rigid-mounted, 1/4-inch Hardox hammers and interchangeable screens for optimum capacity and excellent grind quality. The screens range in size from 1/16" to 3/8" and are easily interchangeable thanks to a quick-change, spring-loaded, shock-absorbent screen carriage.

Heavy-duty spherical roller bearings and plate magnet hammer protection make RENN Hammer



Mills (Grinders) durable and reliable for processing large volumes of grain. RENN Hammer Mills (Grinders) come with auxiliary PTO auger discharge, conveyor discharge, or standard auger discharge.

Auxiliary PTO Hammer Mill

The RENN Auxiliary PTO Hammer Mill (Grinder) offers the flexibility of processing grain directly into the bagger. Simply operate the RENN Hammer Mill and Bagger in sequence with one single tractor. RENN has perfected this proven auxiliary system over the past 18 years, providing producers with maximum equipment and manpower efficiency – saving time and money!

Auxiliary PTO Features

- Heavy-duty PTO with over-running clutch
- Mechanically-driven discharge auger
- Dual-point pivoting, hydraulically-driven feed auger
- 540 or 1000 auxiliary PTO belt reduction output.





Hammer Mill with Conveyor Discharge

The RENN Hammer Mill (Grinder) with Conveyor Discharge is designed for producers who need to process large volumes of high-moisture grain into a fine grind with speed and ease. The smooth and gentle movement of the conveyor allows the finely ground product to be transferred for bunker storage without the assistance of air – protecting your valuable commodity from blowing away.

Conveyor Discharge Features

- Heavy-duty PTO with over-running clutch
- 18" mechanically-driven discharge conveyor
- Dual-point pivoting, hydraulically-driven feed auger.



SPECIFICATIONS

Model	RH - A2248	RH - C 2248	RH - 2248
Mill Size DxW	22" x 48"	22" x 48"	22" x 48"
Screen Area	2784 sq/in	2784 sq/in	2784 sq/in
Hammers	140	140	140
Shaft Diameter	2 15/16"	2 15/16"	2 15/16"
HP Requirement	300	300	300
PTO	1000	1000	1000
Feed Auger	12" Auger	12" Auger	12" Auger
Discharge	14" Auger	18" Conveyor	14" Auger
Capacity (HM Corn)	3400 bu/hr	3400 bu/hr	3400 bu/hr

RENN BAGGER MILLS

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Bagger Mill Features

- Heavy-duty PTO with over-running clutch
- Mechanically-driven discharge auger
- Dual-point pivoting, hydraulically-driven feed auger
- 540 or 1000 auxiliary PTO belt reduction output.



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