

# Roller mill

Crushes grain using powerful rollers

## Benefits

- ✓ Different types of grooved rolls are available depending on the grain to process.
- ✓ Constant roller pressure for uniform material output.
- ✓ Large diameter shafts resist the high pressure of rolling grain.
- ✓ Can be integrated to your automated feeding system.



## Features

1-3/4" (5 cm) Ø shafts

High carbon steel hardened rollers  
(60 rockwell C)

5 or 7.5 HP motor

Scraper kit for small grain rolls

Metal object sensor magnets

With or without discharge hopper

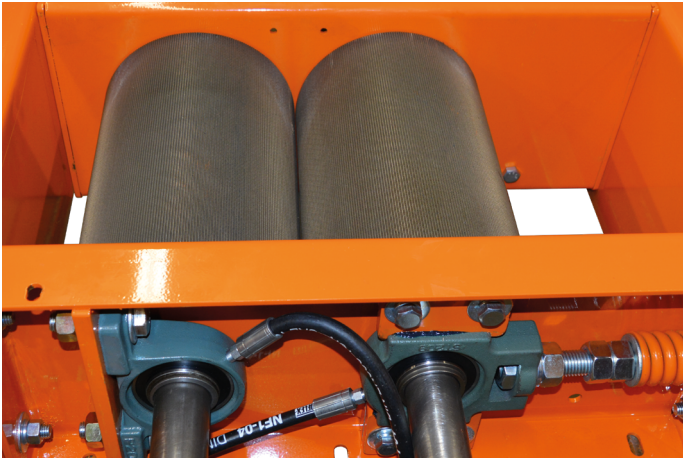
Adjustable legs

**Valmetal grain rollers break different types of grains to extract nutrients to make them more digestible. The material at the exit of the roller mill is directed to the mixer to produce TMR.**

## Options & accessories

// Horizontal or vertical discharge auger and its motor

// Hopper overflow protection switch



### Grooved rollers

Rollers with **140 or 280 grooves** are available depending on the desired grind texture. The 140 is used for corn while the 280 is used for smaller grains. The distance and the pressure they apply can easily be adjusted using one or two levers depending on your roller mill model. The pressure is maintained by a spring system.

Our **4R12 model includes 2 sets of rollers** allowing you to process several types of grains with one machine.

## Low-cost processing of dry corn, wet corn, barley and soybeans.

Valmetal roller mills are mainly used to produce TMR in the dairy industry but also by microbreweries for the manufacture of beer. They crush barley and other grains used in the malting process.

## Specifications

Approximate capacity per hour

Model	Grooves	Grains	Capacity in bushels
<b>2R12</b>	140 grooves	Dry corn	350 bushels/hour
		Wet corn	300 bushels/hour
	280 grooves	Barley	240 bushels/hour
		Oats	240 bushels/hour
		Wheat	240 bushels/hour
		Soybeans	240 bushels/hour
<b>4R12</b>	140 grooves	Dry corn	700 bushels/hour
		Wet corn	600 bushels/hour
	280 grooves	Barley	480 bushels/hour
		Oats	480 bushels/hour
		Wheat	480 bushels/hour
		Soybeans	480 bushels/hour

**Note:** These figures are approximate and may vary considerably depending on the desired texture and grain quality (moisture and hardness).