

# Maximus Grinder Series

When you need to increase your yield, Rome's largest grinders won't let you down. Manufactured for strength, durability and longevity, these workhorses can help improve your production process and increase your bottom line.

Rome's Maximus Grinder Series includes the R1600HP, R1600AG, R1675, R16x12, R16x12HD, R12x11, and R1666F, plus customized options to fit your specific grinding needs.

- Ideal for large processors – grind rates up to 150,000 lbs/hr\*
- Great for frozen block applications
- Pre-break grinder version
- Can withstand the toughest environments

### Built to Last

Rome is the only grinder manufacturer that constructs its feedscrews and barrels out of one-piece of solid steel\*\*, either high tensile strength carbon steel or stainless steel. This removes the risk of cracking and weld failures because there are no weld joints. This also allows for longer production run usage.

*\*\*Solid feedscrews are less likely to flex compared to the outdated hollow-core version which reduces chance of metal-to-metal contact.*



Maximus Model	Initial Grind*	Final Grind*	Applications
R1600HP	Up to 75k lbs/hr	Up to 54k lbs/hr	Fresh Meat
R1600AG	Up to 75k lbs/hr	Up to 54k lbs/hr	Fresh Meat and available as AG/SFG/MG Grinders
R1675 Frozen/Block	Up to 22k lbs/hr	Up to 22k lbs/hr	Fresh Meat, Tempered, Animal By-products, Pre-broken Frozen
R16x12 Block Grinder	Up to 22k lbs/hr	Up to 22k lbs/hr	Tempered Block, Frozen Block, Pre-broken Frozen/Block, Animal By-product, Bone, Rendering
R16x12HD Block Grinder	Up to 22k lbs/hr	N/A	Fresh Meat, Tempered Block, Frozen Block, Pre-broken Frozen/Block, Animal By-product, Bone, Rendering
R12x11	Up to 120k lbs/hr	5/8" holes or larger	Fresh Meat, Course Grind
R1666F	Up to 22k lbs/hr	N/A	Bone, Animal By-products, Fat



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## Standard Materials

- **Stainless steel:** Table / Belt Guard, Gearbox Cover\*, Retaining Ring\*, Deflector Shield, Hopper Extension, Feedscrew Puller, and Retaining Ring Lifter
- **CNC machined solid 1-piece stainless steel:** Feedscrew\* and Head/Fluting\*
- **5/8" heavy duty stainless steel:** Hopper\*, Sidewall

## Standard Equipment

- Feedscrew Puller
- Hopper Extension
- Plate Lifter
- Ring Lifter
- Retaining Ring Wrench/Ratchet
- T-Bar

## Available Options

- Tin plated or hot dipped high tensile strength carbon steel for select parts\*
- Alternative feedscrew designs
- Multiple retaining ring configurations
- Application specific barrels
- Leg extensions
- Block guides
- Sidemount frame
- Hopper extensions
- Rome Reclaim System (RRS) 1600
  - Removes bone with maximized yields and minimized waste
  - Allows for 100% batch control

Model	Plate Dia.**	Motor	Hercules Gearbox	Dimensions	Weight	Voltage
R1600HP	16"	Up to 100 hp	1992 5HB	79x40x83"	4,000 lbs	460V / 60Hz / 3ph
R1600AG	16"	Up to 100 hp	1992 5HB	79x40x83"	4,000 lbs	460V / 60Hz / 3ph
R1675	16"	Up to 100 hp	1398 5HB / 1992 5HB	95x53x78"	5,400 lbs	460V / 60Hz / 3ph
R16x12	16"	Up to 200 hp	16123 5 HC	95x53x78"	6,400 lbs	460V / 60Hz / 3ph
R16x12HD	16"	Up to 200 hp	16123 5 HC	95x53x78"	6,400 lbs	460V / 60Hz / 3ph
R12x11	12"	Up to 100 hp	1992 5HB	79x40x83"	4,000 lbs	460V / 60Hz / 3ph
R1666F	16"	Up to 100 hp	1398 5HB	79x40x83"	4,000 lbs	460V / 60Hz / 3ph

## Grinder Parts & Services

### Empress Series Cutting Plates

- Champion Plates are designed for rendering, bone grinding and frozen applications
- Legend Plates have minimal flex to maintain a sharp cutting edge
- Imperial Plates hold a sharper cutting edge longer than other option

### Hercules Gearboxes - New and Rebuilds

- Class 12 bull gears, pinions and heavy duty cast steel case
- 35% more tensile strength vs. the competition
- Cooler operating temperatures and minimal noise
- Repair Kits and Repair Service available

### Added Value Services

- Complimentary processing line and grinder audits to help you optimize your production rates, improve current processes, and decrease operating costs
- Equipment rebuilds – quick and knowledgeable grinder and parts repair/refurbish
- In-house engineering – helps ensure a grinder configured specifically for your facility
- Free machine delivery to many areas in the lower 48 states
- Large in-stock parts inventory with same-day shipping for orders before 2 pm CT

