

GLADIATOR



ROSKAMP CHAMPION

Your Partner in Productivity

ONE PARTNER FOR PARTICLE SIZE REDUCTION



THE ULTIMATE CRUSHER. Designed for the most demanding agglomeration challenges. **Get the machine for the results you need.**

Available from 15 HP to 120 HP, the Gladiator is the reduction machine of choice for agglomeration applications. Available in either low or high speeds and carbon steel or stainless steel construction, the Gladiator has the features you need from the name you trust: CPM Roskamp Champion.



500 x 500 Gladiator

GLADIATOR

FEATURES AND SPECIFICATIONS



Belt Drive
500 x 500 Gladiator

STANDARD FEATURES

- 3/8" Carbon Steel Construction
- 1/2" Thick A36 Carbon Steel Replaceable Over-Tip-Hook Rotor Blades
- Four-Bolt Type E Tapered Roller Bearings
- Lip Seal Shaft with Provisions for Air Purge and Oil Cooling or Bath
- Replaceable 3/8" A36 Carbon Steel Liners
- Gravity Bottom Discharge
- V Belt or Direct Coupled
- Emergency Stop Protection

OPTIONAL FEATURES

- Stainless Steel Contact Points
- Discharge Screen for Particle Size Control
- Electronic Shear Pin for Jam Protection



Gladiator Blade

Shaft
Assembly

GLADIATOR SPECIFICATIONS

MODEL/SPEED	CAPACITY TPH	PARTICLE SIZE	HORSE POWER
500 x 500/Low 500 x 500/High	20 – 25 TPH 40 – 60 TPH	1/2"–1" (12–25 mm typical) 80–90% < 3/8" (10 mm)	7.5–10 (4 pole) motor 10–20 (6 pole) motor per shaft
550 x 700/Low 550 x 700/High	25 – 40 TPH 60 – 90 TPH	1/2"–1" (12–25 mm typical) 80–90% < 3/8" (10 mm)	7.5–15 (4 pole) motor 10–25 (6 pole) motor per shaft
740 x 700/High 740 x 1225/High	90 – 120 TPH 150 – 225 TPH	80–90% < 3/8" (10 mm) 80–90% < 3/8" (10 mm)	Up to 30 (6 pole) motor per shaft Up to 30 (6 pole) motor per shaft
965 x 700/High 965 x 1225/High	120 – 180 TPH 200 – 300 TPH	80–90% < 3/8" (10 mm) 80–90% < 3/8" (10 mm)	Up to 30 (6 pole) motor per shaft Up to 30 (6 pole) motor per shaft



**ROSKAMP
CHAMPION**
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