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 20 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.
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 SPECIFICATIONS

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