Aliva®-591

Sector slinging machine

for hot or cold refractory repair
for electric furnaces and ladles
accurately placed repair work
for efficient linings
**Description**
Slinging wheel exchangeable plates. With pneumatically controlled telescope seal which does not open inside the arc furnace until the actual slinging operations starts. After slinging work is completed, the shutoff unit is closed and the slinger is withdrawn. The mixing of material and water will be optimized by the conical screw conveyor.

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**Technical Data**

**Slinging capacity**
- depending on slide settings and consistency of refractory material: 1.0 m³ in 2-3 minutes

**Pneumatic Drive**
- Design: 5-cylinder Piston type motor
- Rating: 15 kW at 800 rpm
- Air consumption: 15 m³/min
- Operating pressure: 6 bar
- Air hose connector: 32 mm inside dia.

**Electric Drive**
- Design: 3-phase squirrel-cage Motor 3x400V/50Hz
- Rating: 11 kW at 960 rpm

**Dimensions**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>A mm</th>
<th>B mm</th>
<th>C mm</th>
<th>D mm</th>
<th>E mm</th>
<th>F mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 m³</td>
<td>2200</td>
<td>1400</td>
<td>1700</td>
<td>3350</td>
<td>3600</td>
<td>870</td>
</tr>
<tr>
<td>1.0 m³</td>
<td>2850</td>
<td>1400</td>
<td>2050</td>
<td>4000</td>
<td>5400</td>
<td>1050</td>
</tr>
<tr>
<td>1.5 m³</td>
<td>3000</td>
<td>1700</td>
<td>2250</td>
<td>4400</td>
<td>5500</td>
<td>1150</td>
</tr>
</tbody>
</table>

**Weights**
- Capacity: 0.5 m³, Weight slinging machine: approx. 1400 kg, Weight platform: approx. 600 kg
- Capacity: 1.0 m³, Weight slinging machine: approx. 1500 kg, Weight platform: approx. 850 kg
- Capacity: 1.5 m³, Weight slinging machine: approx. 1700 kg, Weight platform: approx. 970 kg

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For us a matter of principle

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