



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 After slinging work is completed, the shutoff unit is closed and the slinger is withdrawn.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.

Technical Data

Slinging capacity

depending on slide settings and consistency of refractory material

| | |
|--------------------|----------------|
| 1.0 m ³ | in 2-3 minutes |
|--------------------|----------------|

Pneumatic Drive

| | |
|--------------------|---------------------------------|
| Design | 5-cylinder Piston type motor |
| Rating | 15 kW at 800 rpm |
| Air consumption | 15 m ³ /min |
| Operating pressure | 6 bar |
| Air hose connector | 32 mm inside dia. |

Electric Drive

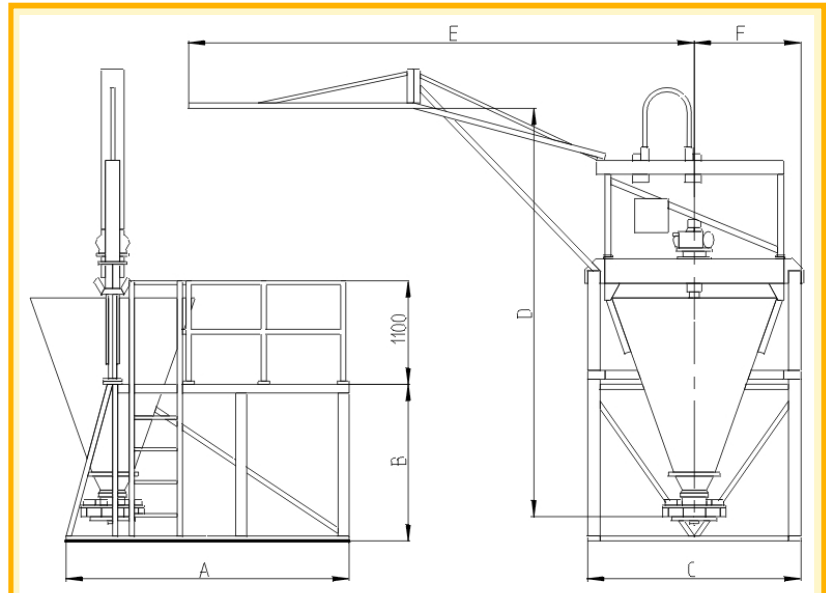
| | |
|--------|---|
| Design | 3-phase squirrel-cage Motor 3x400V/50Hz |
| Rating | 11 kW at 960 rpm |

Water supply

| | |
|----------------------|-------------------|
| Operating pressure | 4 bar |
| Water hose connector | 25 mm inside dia. |
| Water rate | 150 l/min. |

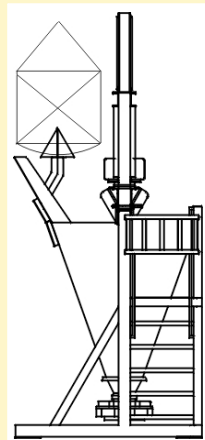
Weights

| Capacity | Weight slinging machine | Weight platform |
|--------------------|-------------------------|-----------------|
| 0.5 m ³ | approx. 1400 kg | approx. 600 kg |
| 1.0 m ³ | approx. 1500 kg | approx. 850 kg |
| 1.5 m ³ | approx. 1700 kg | approx. 970 kg |

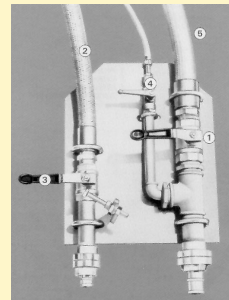


Dimensions

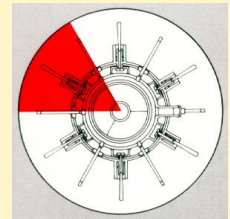
| Capacity | A mm | B mm | C mm | D mm | E mm | F mm |
|--------------------|------|------|------|------|------|------|
| 0,5 m ³ | 2200 | 1400 | 1700 | 3350 | 3600 | 870 |
| 1,0 m ³ | 2850 | 1400 | 2050 | 4000 | 5400 | 1050 |
| 1,5 m ³ | 3000 | 1700 | 2250 | 4400 | 5500 | 1150 |



Option:
Big Bag equipment



Operating panel



Selectively repairs for a defined sector

The smallest sector is 60°

This range can be increased in 60° steps (up to 6 x 60° = 360°)

Technical and design modifications remain reserved at all times. Technical properties have been achieved under theoretical and normal conditions. Please consult the respective machine manual for all matters related to operations and maintenance.

For us a matter of principle



Sika Schweiz AG Aliva Equipment
 Tüffenwies 16 CH-8048 Zürich / Switzerland
 Phone +41 58 436 3297 www.sika.com
 Fax +41 58 436 3206 mueller.viktor@ch.sika.com

Your local dealer