Aliva®-555
Converter Gunning Unit

for hot or cold refractory repair
for converter in horizontal position
highly manoeuvrable
more economical
Description

The Converter Gunning Unit **Aliva®-555** is a compact, easily manageable device for the spraying compounds available for the repair of refractory linings of converters.

The chosen basic vehicle and suitable adapted lance construction permit fast and safe operation even under restricted conditions and circumstances generally dictated by smelting plants.

The gunning unit allows operation in a largely autonomous manner. Only the supply of the spraying compound to the point of application must be assured.

### Dimensions

- **Lance diameter**: 50 mm (inside)
- **Lenght over lance**: 8400 mm
- **Vehicle (LxWxH)**: 3850x1900x2750 mm
- **Turning circle basic vehicle**: 4100 mm
- **Total weight**: approx. 7000 kg

### Technical Data

**Technical Data Vehicle**

- **Product**: STILL
- **Drive system** or diesel/electric battery/electric
- **Tires**: solid rubber
- **Speed approx.**: 4.5 km/h

**Technical Data**

- **Range of lance**: 11000 mm
- **Lance stroke total**: 10500 mm
- **Horizontal slewing range**: +/- 20°
- **Lance tilting range**: +/- 20°
- **Lance rotation angle**: 400° (± 200°)
- **Water tank approx.**: 450 l
- **Water flow rate**: 0 … 40 l/min.
- **Control voltage**: 24 VDC
- **Controlled by**: PLC (Siemens)

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.

### Working range

![Working range diagram]

### Operating

- **Control panels**: Remote control
- **Remote control**: to operate the manipulator, water, gunning machine
- **Option**: Radio remote control

For us a matter of principle

Your local dealer

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