for more information on this product and on our complete package of solutions please contact our local service center:

VESUVIUS GROUP S.A.
Rue de Douvrain 17
7011 Ghlin, Belgium
Tel: +32 65 400 810
Fax +32 65 311 474
gh@vesuvius.com

VESUVIUS ADVANCED CERAMICS (CHINA) CO., LTD
221 Yang Ming Street
China Singapore Suzhou Industrial Park
Suzhou 215021, Jiangsu Province
P.R. of China
Tel: +86 512 6741 2088
Fax: +86 512 6741 2089

VESUVIUS USA CORP.
P.O. Box 4014
1404 Newton Drive
Champaign, IL 61822
USA
Tel: +1 217 251 5000
Fax: +1 217 251 5001

VESUVIUS REFRATARIOS, LTDA
Av. Brasil 69.500
Distrito Industrial de Pirituba
CEP 03285-480 Campinas-Guarulhos
Rio de Janeiro, Brazil
Tel: +55 21 2414 0626
Fax: +55 21 2414 0648

VESUVIUS INDIA LTD
P 104, Tapani Road
700088 Calcutta, India
Tel: +91 33 240 10 234
Fax: +91 33 240 11 235

VESUVIUS reserves the right to modify and/or improve the equipment as described and specified in this leaflet, at any time according to the state-of-the-art. LG22L – patent applied for in various countries.

© copyright Vesuvius Group S.A. 2013-2015 all rights reserved.

All product names in this brochure are trademarks or registered trademarks of Vesuvius plc group of companies.

LG22L - GH / March 20145 / Print

FLOW CONTROL SYSTEMS FLUXES PURGING PLUGS SLIDE GATE REFRACTORIES VAPEX PRODUCTS VISO PRODUCTS

LG22L Ladle Slide Gate
Compact gate - Large refractory products

For big size ladles and high casting rate

VESUVIUS LG22L Ladle Slide Gate

<table>
<thead>
<tr>
<th>Model</th>
<th>Typical bore (mm)</th>
<th>Stroke (mm)</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LG22L up to 90</td>
<td>200</td>
<td>1966 x 570 x 316</td>
<td>690</td>
<td></td>
</tr>
</tbody>
</table>

LG22L features

- User-friendly operations
- Simple, robust and ergonomic design
- Fixation by external standard bolts on studs
- Elastic plate clamping by «Horseshoe»
- Stroke 200 mm
- Outboard direct acting spring pushers
- 12 high temperature resistant coil springs
- Integrated argon shielding
- Air cooling capability

Options:
- Quick exchange feature for slag detection coil
- Horizontal mounting configuration
- Full automatic tandish weight control

Refractory components

- Inner nozzle positive stop shoulder design (17 kg)
- Type 5 plate: 481 x 230 x 45 mm (12 kg)
- Banded or canned plates
- Collector nozzle: detachable or integrated with lower plate (11-18 kg)

Refractory characteristics

- Optimal contact pressure
- Collector nozzle clamping

Plate crack control

Shape and clamping features of refractory plates ensure that any cracks remain closed and kept outside the throttling path.

Refactory consumables

- High performance and low cost / ton
- Long life refractory consumables

Collector nozzle

- Type 5 plate
- Integrated collector nozzle

Inner nozzle

- Positive stop shoulder
- Type 5 plate

Collector plate

- Exchangeable collector plate

Inner nozzle

- Positive stop
- Type 5 plate

Banded or canned type 5 plate

Collector nozzle

- Detachable
- Integrated with lower plate

Inner nozzle with positive stop

Canned type 5 plate

Collector plate

- Exchangeable collector plate

2015-Print-LG22-E.indd   2
12.05.2015   16:45:46
## Compact - Large refractory products

For big size ladles and high casting rate.

### LG22L features
- User friendly operations
- Simple, robust and ergonomic design
- Fixation by external standard bolts on studs
- Elastic plate clamping by "Horse shoe"
- Stroke 200 mm
- Outboard direct acting spring pushers
- 12 high temperature resistant coil springs
- Optimal contact pressure
- Air cooling capability

### VESUVIUS LG22L Ladle Slide Gate

<table>
<thead>
<tr>
<th>Model</th>
<th>Typical bore (mm)</th>
<th>Stroke (mm)</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LG22L</td>
<td>up to 90</td>
<td>200</td>
<td>1066 x 570 x 316</td>
<td>690</td>
</tr>
</tbody>
</table>

### Refractory components
- Inner nozzle: Positive stop shoulder (17 kg)
- Type 5 plate: 481 x 230 x 45 mm (12 kg)
- Collector nozzle with integrated collector nozzle
- Collector nozzle: detachable or integrated with lower plate (11-18 kg)

### Refractory characteristics
- Collector nozzle: detachable or integrated with lower plate (11-18 kg)
- Stroke: 200 mm
- "Horse shoe" elastic clamping

### Plate control
Shape and clamping features of refractory plates ensure that any cracks remain closed and kept outside the throttling path.

## Refractory components

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inner nozzle</td>
<td>Positive stop shoulder design (17 kg)</td>
</tr>
<tr>
<td>Type 5 plate</td>
<td>481 x 230 x 45 mm (12 kg)</td>
</tr>
<tr>
<td>Collector nozzle</td>
<td>Detachable or integrated with lower plate (11-18 kg)</td>
</tr>
</tbody>
</table>

## Refractory characteristics
- Collector nozzle: detachable or integrated with lower plate (11-18 kg)
- "Horse shoe" elastic clamping
- Stroke: 200 mm

---

**Plate crack control**
Shape and clamping features of refractory plates ensure that any cracks remain closed and kept outside the throttling path.
For more information on this product and on our complete package of solutions please contact our local service center:

VESUVIUS GROUP S.A.
Rue de Douvrain 17
7011 Ghlin, Belgium
Tel: +32 65 400 810
Fax +32 65 311 474
gh@vesuvius.com

VESUVIUS ADVANCED CERAMICS (CHINA) CO., LTD
221 Ring Ming Street
China Singopee Suzhou Industrial Park
Suzhou 215021, Jiangsu Province
P.R. of China
Tel: +86 512 6741 2088
Fax: +86 512 6741 1700

VESUVIUS INDIA LTD
P 101, Taratolla Road
700088 Calcutta, India
Tel: +91 33 240 10 234
Fax: +91 33 240 11 235

VESUVIUS USA CORP.
P.O. Box 4014
1404 Newton Drive
Champaign, IL 61822
USA
Tel: +1 217 351 5000
Fax: +1 217 351 5031

VESUVIUS REFRATARIOS, LTDA
Av Brasil 69.550
Distrito Industrial de Palmares
CEP 22065-480 Campo Grande
Rio de Janeiro, Brazil
Tel: +55 21 2414 0002
Fax: +55 21 2414 0648

VESUVIUS reserves the right to modify and/or improve the equipment as described and specified in this leaflet, at any time according to the state-of-art. LG22L – patent applied for in various countries.

All product names in this brochure are trademarks or registered trademarks of Vesuvius plc group of companies.