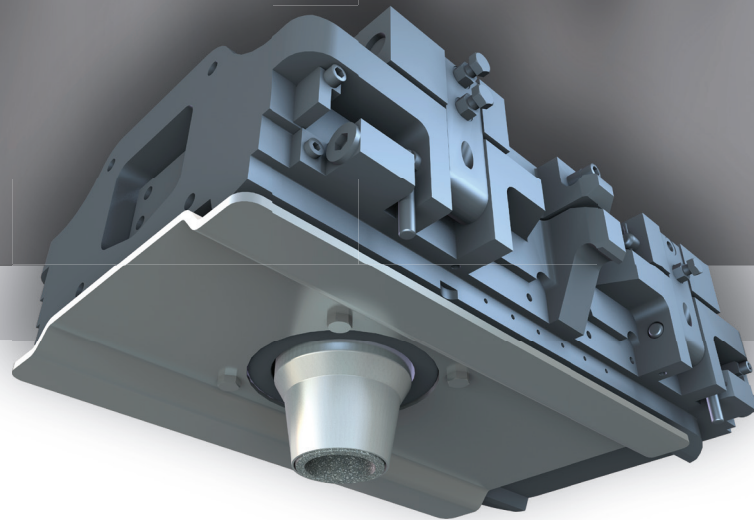


LT80

 Ladle Slide Gate



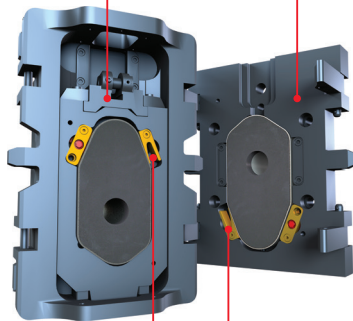
# Compact gate - Large refractory products

For big size ladles and high casting rate



Base plate compatible with Flocon and Flogates gates

Cross head for bell crank force alignment



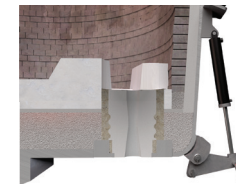
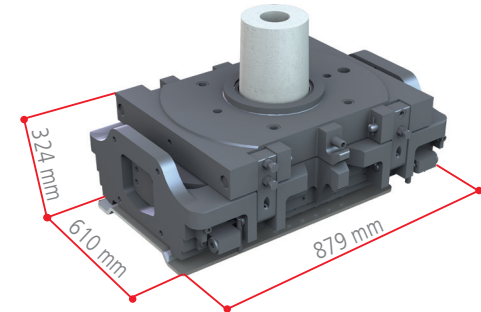
Elastic plate clamp to provide space for thermal plate expansion

## LT80 features

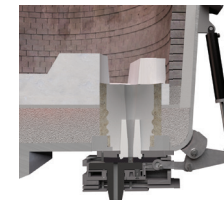
- Productivity
  - > Faster ladle turnaround due to multiple heat practice
  - > Longer service intervals for spring checking
- Flexibility
  - > Available with separate lower plate and collector nozzle or with one piece lower plate-collector nozzle assembly
  - > Flocon fixation pattern or fixation by bolts on external mounting blocks
  - > Rear drive for operation in make-up area (optional)
- Reliability
  - > Cantilever springs provide compensation for thermal plate expansion
  - > Outboard heat resistant springs with extended check period
  - > Rigid cross head to absorb vertical force component of bell crank drive
  - > Air cooling capability
- Feasibility
  - > Easy and fast replacement for existing Flocon / Flogates Installations
  - > Reuse of existing ladle bottom and drive assembly
  - > Stroke of 155-180mm (depending on application)
- Refractory feature
  - > Type 5 refractory plate shape for optimized plate crack pattern
  - > Reliable inner nozzle setting through positive stop ring
  - > Removable positive stop ring for precise inner nozzle setting
- Operation
  - > Easy plate clamping by eccentric cams
  - > Simple and user friendly design
  - > Hydraulic device for door opening and closing operation

## VESUVIUS LT80 Ladle Slide Gate

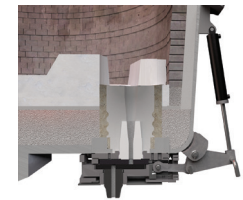
Model	Typical bore (mm)	Stroke (mm)	Dimensions (mm)	Weight (kg)
LT80	up to 80	180	879 x 610 x 324	620



Existing customer ladle



FC6300

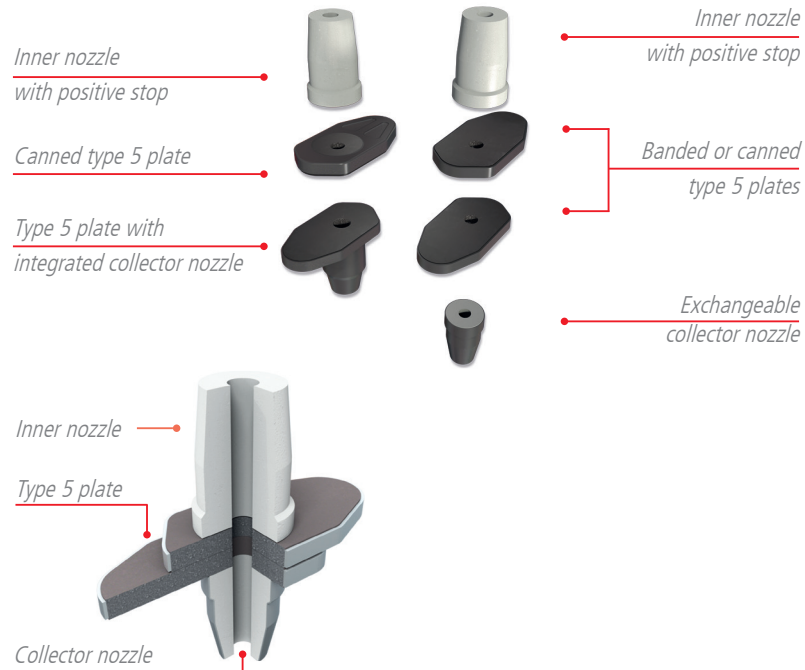


LT80

Easy replacement of Flocon and Flogates installations

## Refractory components

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

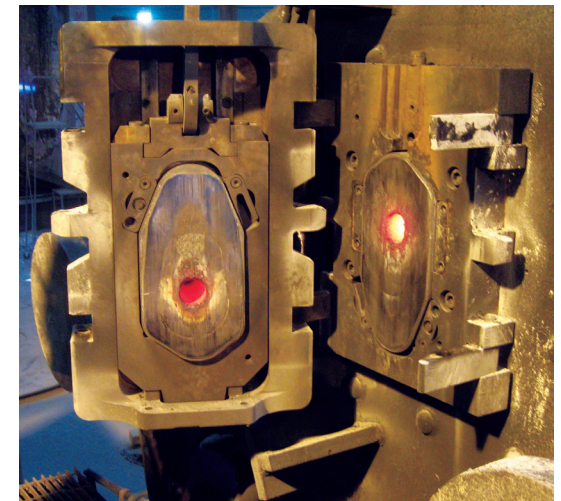
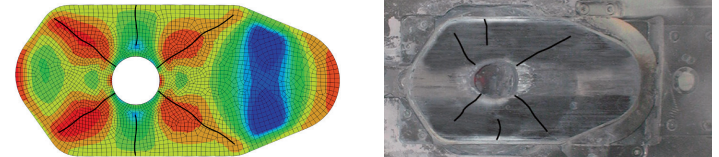


## Refractory characteristics

- Inner nozzle positive stop shoulder design (15 kg)
- Type 5 plates: 441 x 230 x 45 mm (10 kg)
  - > Banded (plate flip) or canned plates
- Collector nozzle: detachable or integrated with lower plate (8-12 kg)

## Plate crack control

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



*Slide gate preparation*



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

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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. LT80 – patent applied for in various countries.

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