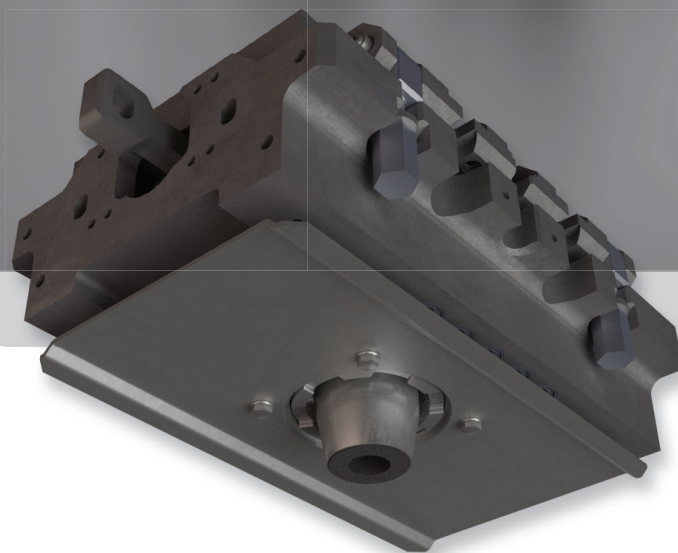




LG21L3 Three Plates Ladle Slide Gate



# Advanced Three Plates Ladle Slide Gate Systems

For utmost steel quality protection through better sealing between Ladle and Caster.



Ingot casting

## CCM advantages

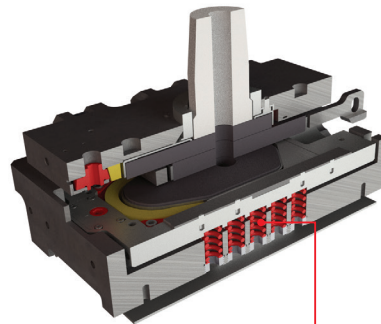
- Stationary ladle shroud
- Improved ladle shroud alignment
- Optimized impact pad
- No movement in tundish powder layer



CCM casting

## LG21L3 features

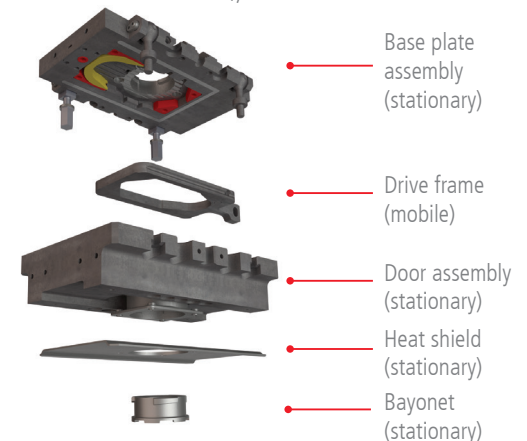
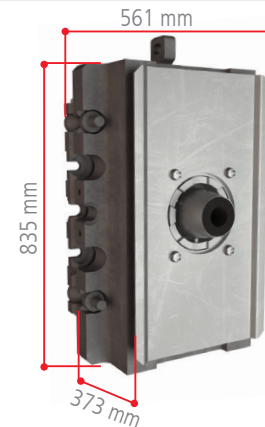
- Stationary collector nozzle for sealed connection to vacuum vessel or casting funnel
- Simple, sturdy and ergonomic design
- Very few mobile parts for minimal maintenance cost
- Fixation to ladle shell externally by bolts on studs
- "Horse shoe" clamping provides compensate for thermal plate expansion
- Multi springs (10) outboard plate loading system
- Integrated argon shielding groove
- Easy switch between 2 and 3 plates application by door exchange
- Air cooling capacity



Multiple spring outboard plate loading systems

## VESUVIUS LG21L3 Ladle Slide Gate

Model	Maximum bore (mm)	Stroke (mm)	Dimensions (mm)	Weight (kg)
LG21L3	Ø70 CCM Ø90 Ingot	180	835 x 561 x 373	580



## Refractory components

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

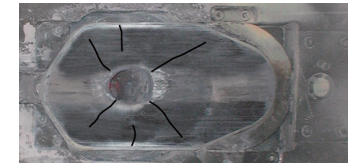
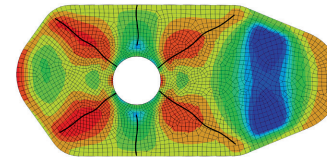


## Refractory characteristics

- 4 or 5 main refractory parts
- Optimized refractory plate design (type 5 shape)
- Plates operate in inert gas environment (integrated argon shielding groove)
- Detachable or integrated collector nozzle with lower plate

## 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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