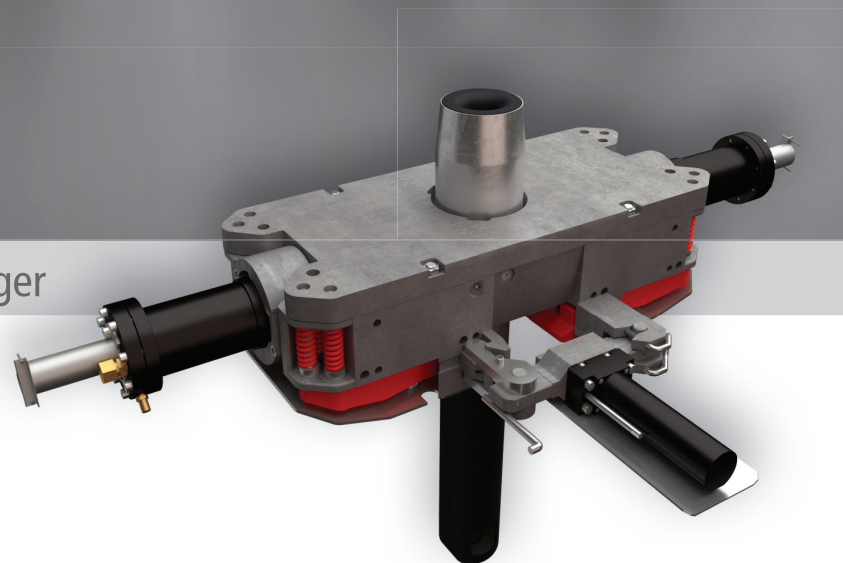


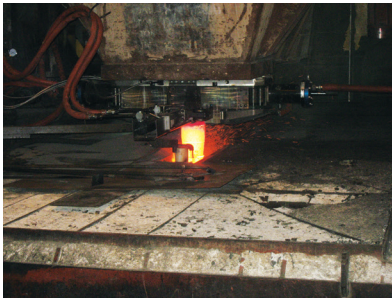
RSEM3T5

Tundish Slide Gate with Tube Changer



Advanced Tundish Slide Gate with Integrated Tube Changer

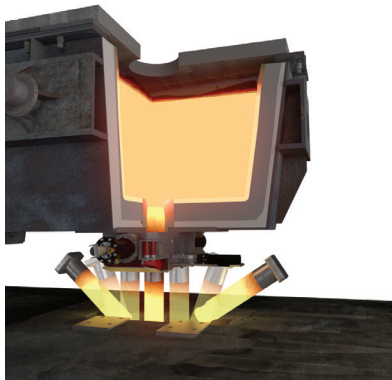
For high productivity and quality demanding slab caster



The RSEM3T5 is designed to control the steel level in the mould and exchange the submerged shroud without interrupting the cast.

RSEM3T5 features

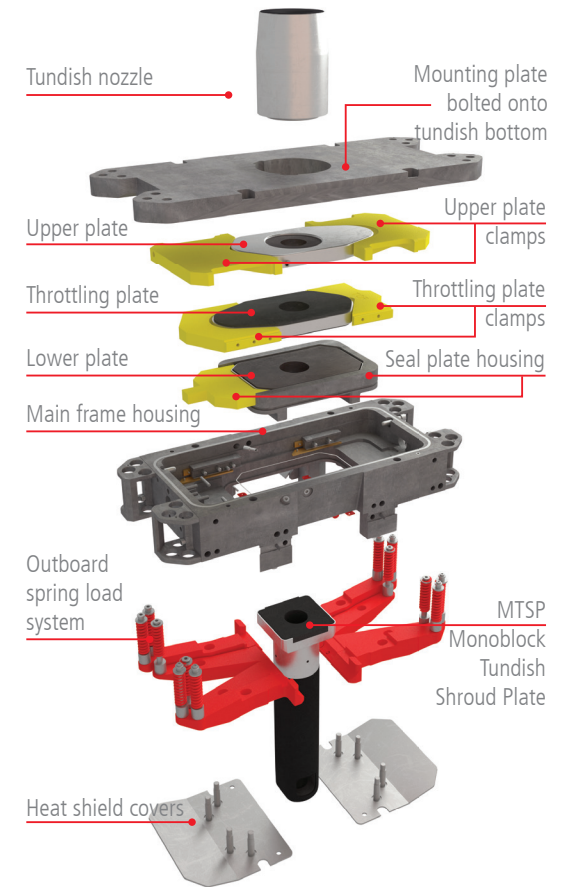
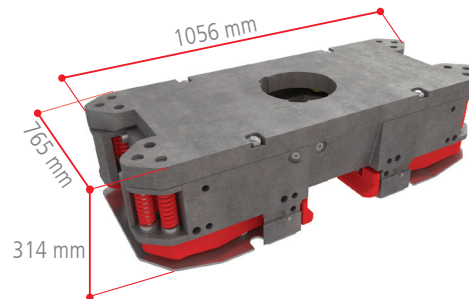
- Air-tight box with inert gas purging facility
- Backlash-free control
- Push-Push or Push-Pull actuation method available
- Safe tube change in 1,5 sec
- Safe emergency shut-off with stand-by blank plate
- Standard full automatic casting and emergency functions package: auto-casting startup, cast interruption/restart, and safety shutoff procedures
- One button tube change routine available as option
- Push edge MTSP technology – firing refractory-to-refractory seal
- Outboard, high resistance spring load system
- Narrow mould tube change capability (typical 650 mm)



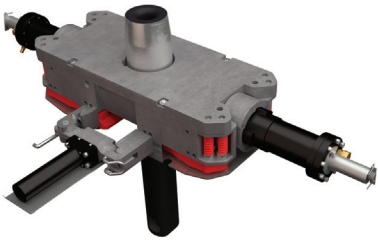
Throttling control movements perpendicular to the mould provide symmetrical distribution of the steel flow in the mould.

VESUVIUS RSEM3T5 Tundish Slide Gate

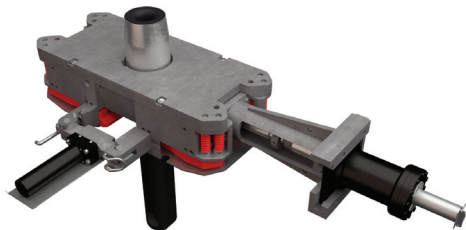
| Model | Typical bore (mm) | Stroke (mm) | Dimensions (mm) | Weight (kg) |
|---------|-------------------|-------------|------------------|-------------|
| RSEM3T5 | up to 85 | 120 | 1056 x 765 x 314 | 498 |



Push-Push or Push-Pull actuation method



Push-Push actuator drive

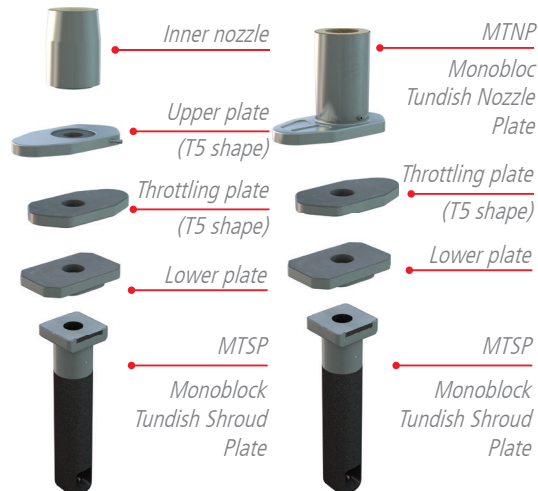


Push-Pull actuator drive

Refractory components

- 4 or 5 main refractory parts
- The refractory plates work in inert gas environment (Air tight box concept)
- Optimized refractory plate shape (T5 plate shape)
- Inert gas purged nozzle to avoid alumina clogging
- Argon groove in Lower Plate for improved joint tightness
- Offset bore refractory design for clogging resistance (optional)

The same slide gate can be operated with 5 or 4 refractory components designed to assure steel quality.



Air-tight box for improved steel quality

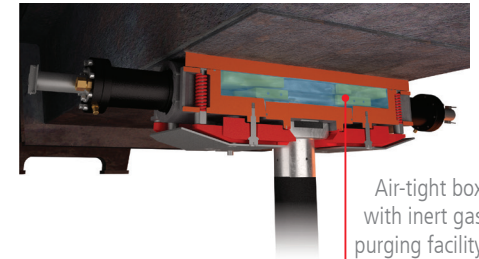
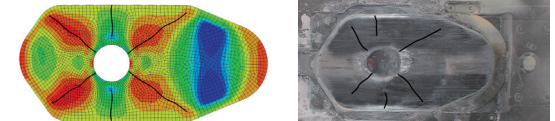


Plate crack control

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. RSEM3T5 – patent applied for in various countries.
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