

INTERSTOP®



RHI MAGNESITA

STEEL / FLOW CONTROL TECHNOLOGY

Tundish Gate Type 13QC/A

for billets and blooms



Tundish Gate Type 13QC/A

for billets and blooms

Overview

- Increased operational reliability
- Ability to assemble gates online or off-line
- Ready-for-use refractory allows high tundish availability
- Quality improvements with optimized sequence length
- Play-free drive coupling
- Process control technology for automatic casting

Concept

- Three-plate gate system
- Play-free drive coupling
- Designed for fully automatic casting operation
- Heat shielded tensioning system
- Direct connection between submerged nozzle and lower plate
- Inert gas application on tundish nozzle and joints
- Air-tight system concept supported by argon bath principle

INTERSTOP® Flow Control Technology

- Automatic monitoring by detailed process visualization
- Automatic start-up
- Automatic level control
- Precise steel flow regulation independent of refractory wear
- Programs for early breakout and mold overflow prevention
- End of casting program

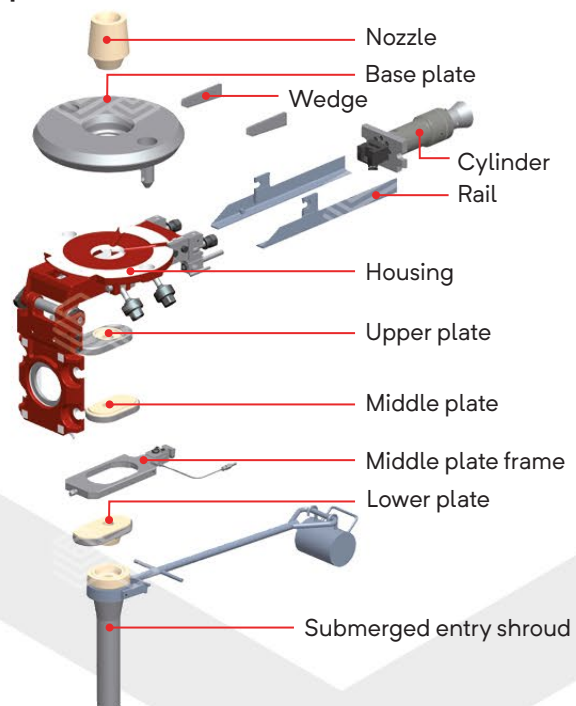
Assembly

- Tundish gate can be assembled either online or off-line
- Ready-for-use refractory
- Nozzle setting possibility from inside or outside of the tundish
- Separate preheating of submerged nozzle possible
- Eccentric self-locking design of housing
- Compact design
- Easy assembly and maintenance, designed to minimize the number of components

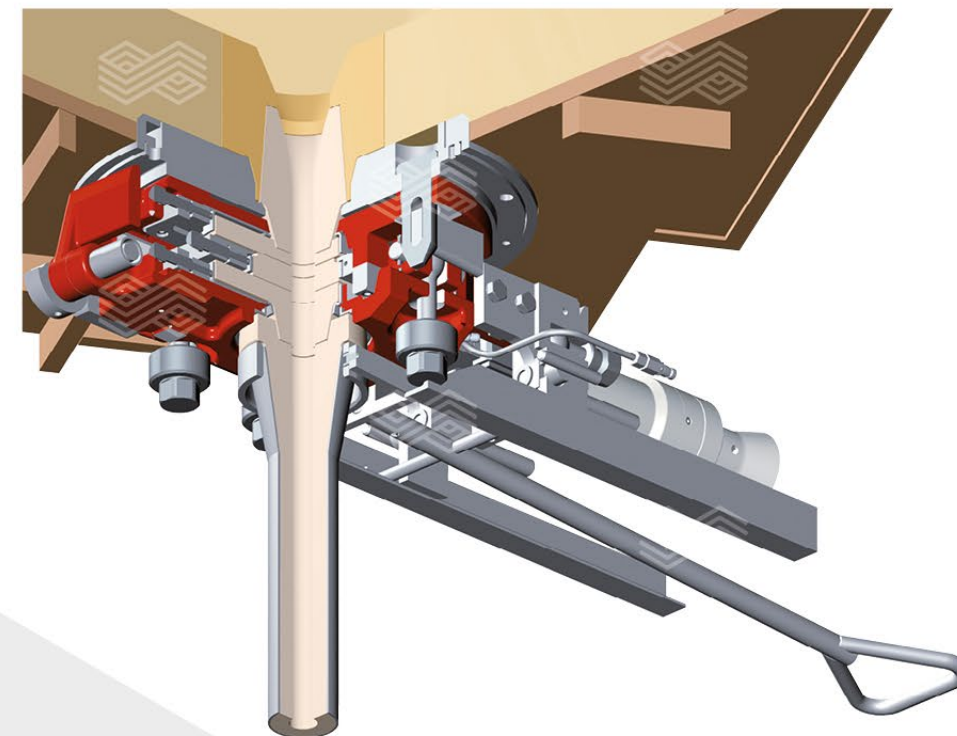
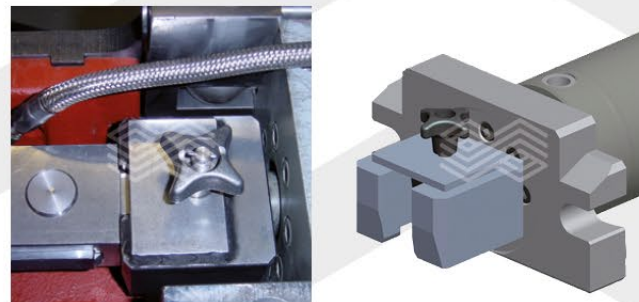
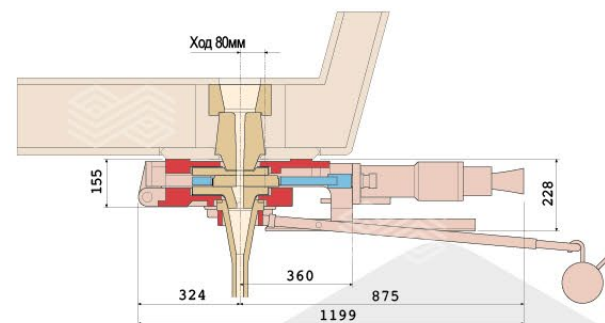
Mounting and Drive

- Easy and quick mounting of the 13QC/A to the bottom by means of an assembly car
- Fastening with wedges or bolts
- Easily detachable hydraulic cylinders
- Hydraulic cylinders remain on tundish car
- All hydraulic circuits are closed-loop
- High safety standard for operator and CCM

Main parts



Dimensions in mm
Total width: 460



Imprint:
Media owner and publisher: RHI Magnesita GmbH, Kranichberggasse 6, 1120 Vienna, Austria
Produced by: RHI Magnesita — 12 / 2018-10-EN
Place of publication and production: Vienna, Austria

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