

INTERSTOP®



RHI MAGNESITA

STEEL / FLOW CONTROL TECHNOLOGY

Mono Tube Changer Type MTC-ESP

Elevated Safety Plate



Mono Tube Changer Type MTC-ESP

Elevated Safety Plate

Overview

- Total safety concept
- Parallel drive arrangement
- Support for clean steel technology
- Increased safety due to minimal operator exposure time at mold
- Optimal protection against heat and splashes
- Improved force distribution for enhanced tightness of the monotube — nozzle joint
- New nozzle design for improved handling and optimized flow geometry

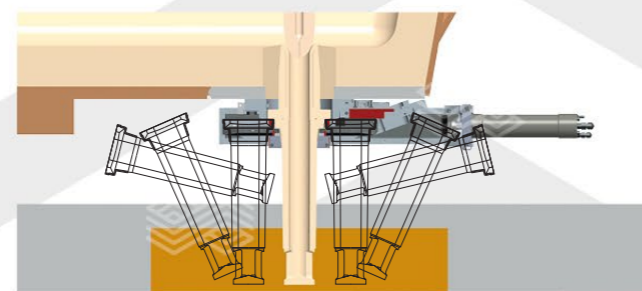
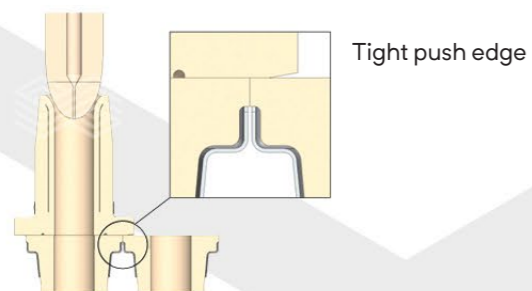
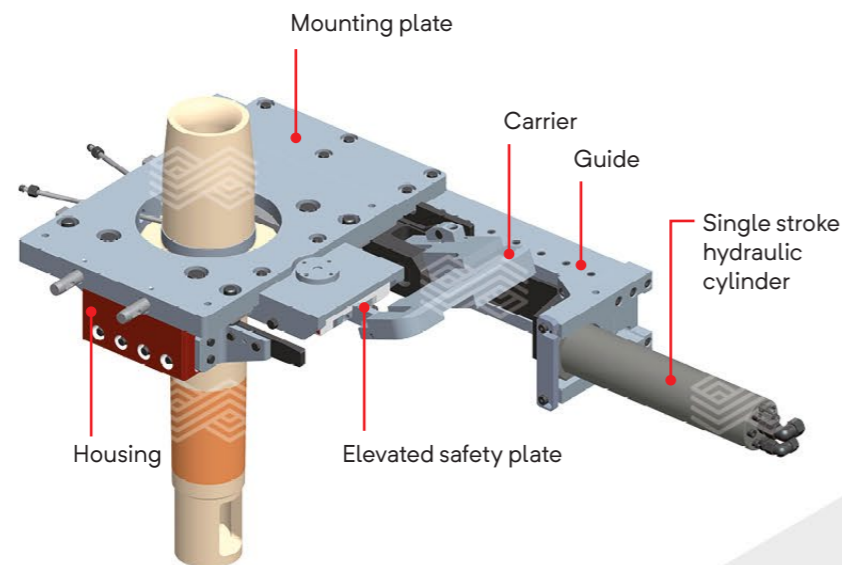
Advanced Mechanical System

- Safety plate is part of the mechanics
- Safety plate is always in position to be fired in
- Complete avoidance of any manual blind plate handling
- Simplified handling — no cylinder displacement necessary
- Minimal time required for monotube exchange as no cylinder handling required
- Improved front and side view into the mold
- Hydraulic cylinder is displaced from direct heat radiation by the mold — reduction of heat impact

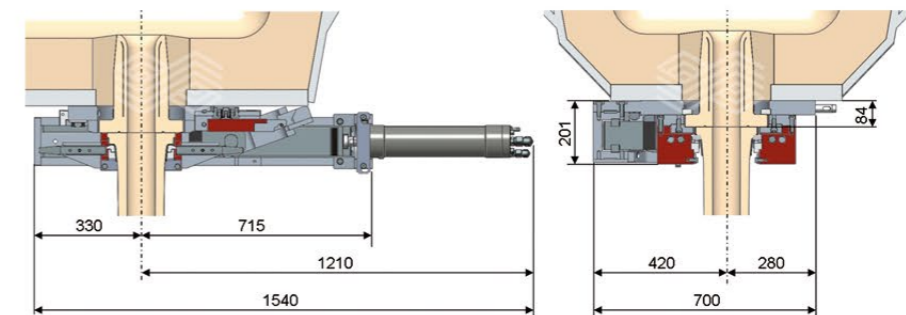
Support for Clean Steel Technology

- Improved force distribution for enhanced tightness of the monotube — nozzle joint
- Implementation of the INTERSTOP® push-edge design
- Tight, robust, and reliable argon coupling at the nozzle
- Rapid monotube exchange leads to minimized and shorter steel flow interferences in the mold

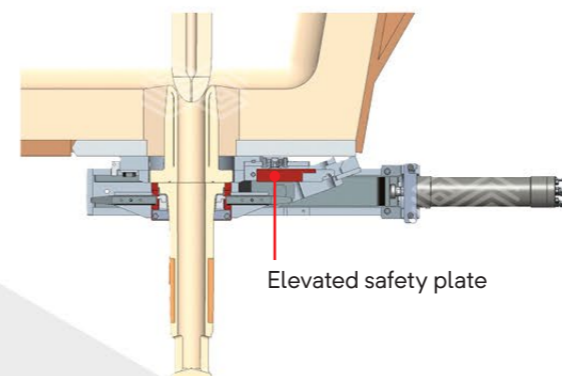
Main parts



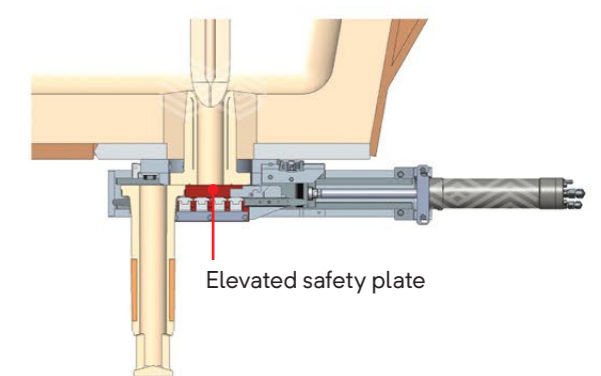
Dimensions



Casting position



End of cast



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