

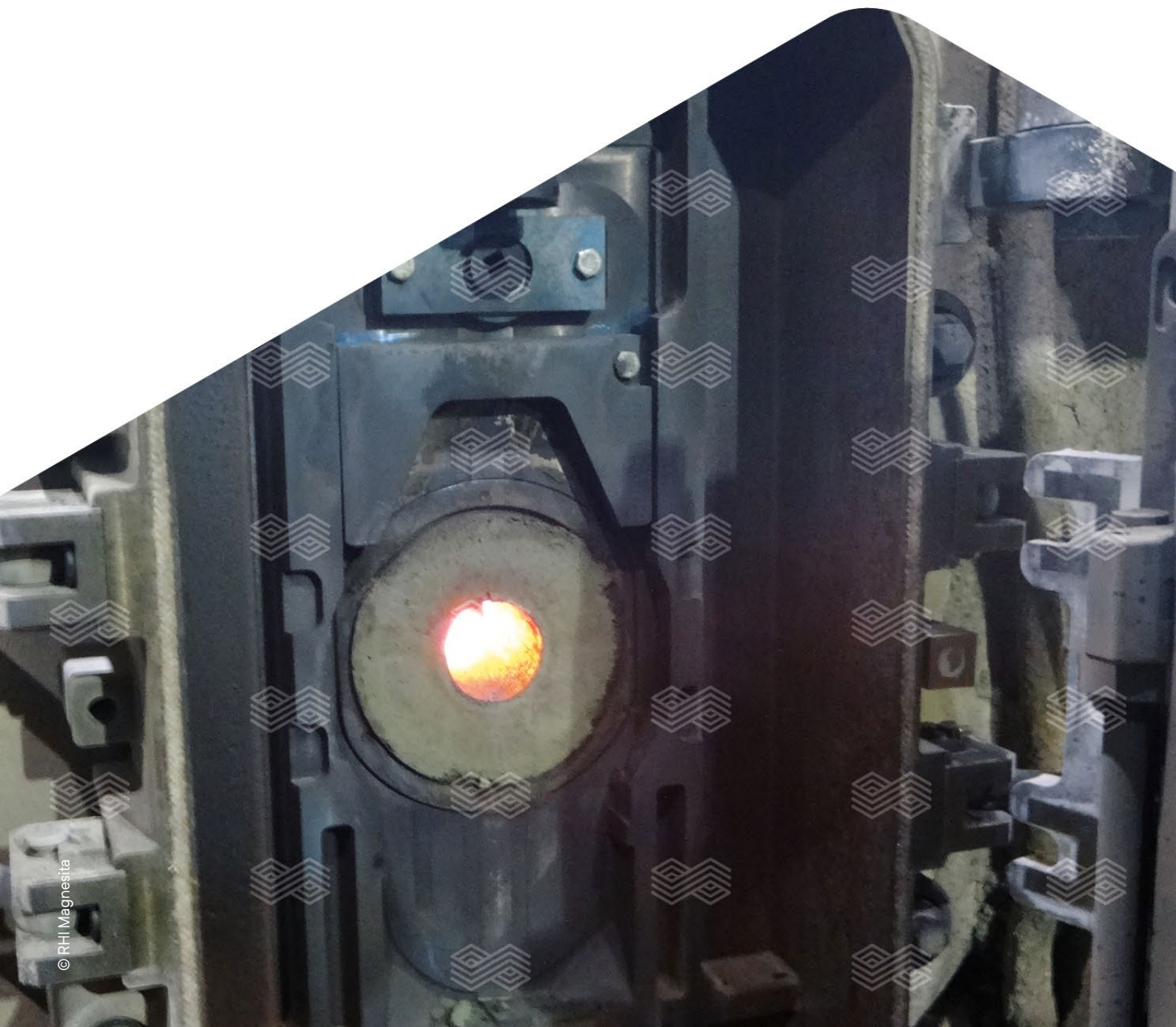
INTERSTOP®



RHI MAGNESITA

STEEL / FLOW CONTROL TECHNOLOGY

Sealed Ladle Gate Type SLG



Sealed Ladle Gate Type SLG

- Overview**
 - Fully sealed steel flow into the mold
 - 3-plate slide gate especially designed for ingot casting application
 - No movement of the collector nozzle
 - Flexible plate sizes - Improved refractory utilization
 - User-friendly design for simple, fast and safe operation
 - Optimized operation at preparation area
 - Compact dimensions
 - Low operating and maintenance costs

- System characteristics**
 - Especially designed for ingot casting application
 - Designed to fulfil the demands of a modern plant with regard to fully shielded casting
 - Optimized use of refractory components
 - Low operating and maintenance costs
 - Easy handling and operation
 - Safe system operation
 - Compact dimensions

- Advanced mechanical system**
 - 3 main components only, housing / carrier frame / cover
 - Opportunity for horizontal and vertical mounting
 - Simple tensioning and clamping of plates
 - Easy and comfortable handling

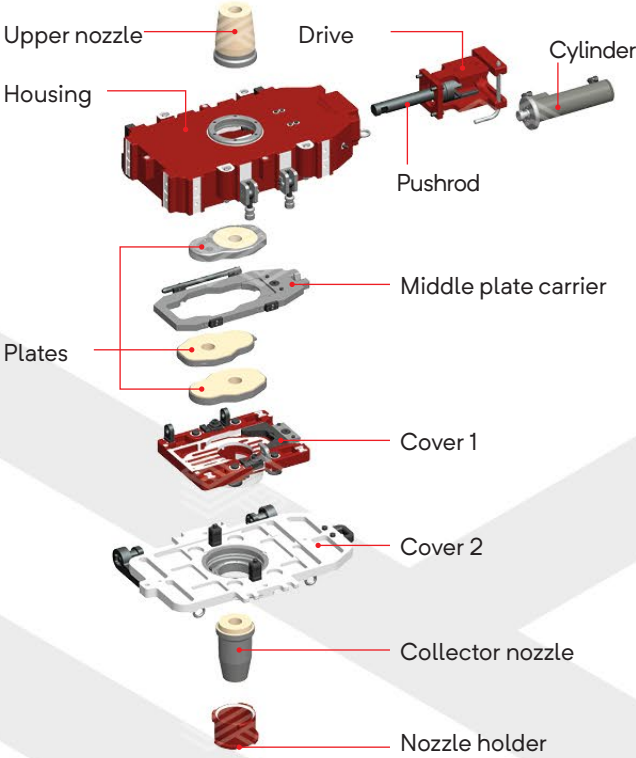
- Maintenance-friendly design**
 - Easy access to all components for cleaning, inspection and maintenance
 - Few parts — requires very limited spare parts
 - Long lifetime of parts
 - Long inspection intervals, short inspection time
 - INTERSTOP® after sales service

- Optimized refractory parts**
 - Clamping and 4-point centering of plates
 - Directional forces providing compressive strengths to plate wear zone
 - Controlled crack pattern of plates — cracks directed to non-critical area
 - Highly developed brand portfolio — highest efficiency depending on customer process

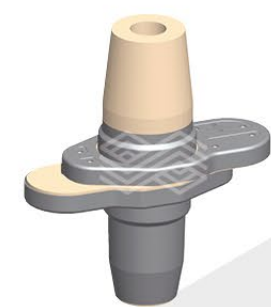
Gate types and sizes

Type	Size	Working stroke	Nominal diameter
SLG 1.3	S	100	40
	E	130	50
SLG 2.3	S	140	60
	E	170	70

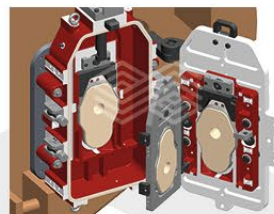
Main parts



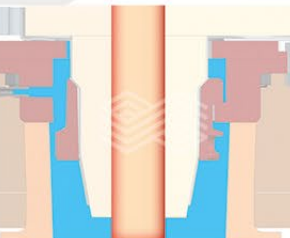
Optimized refractories



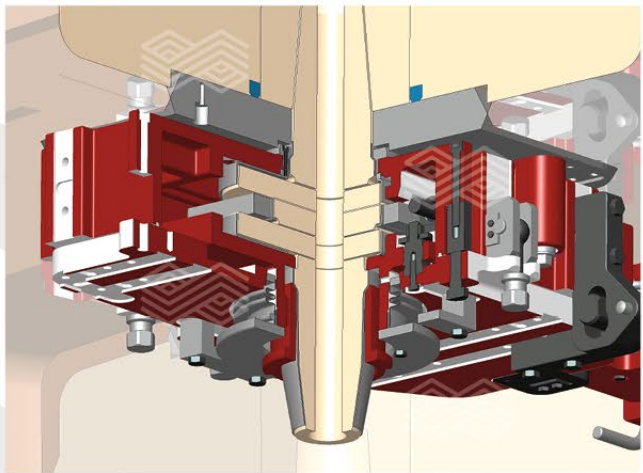
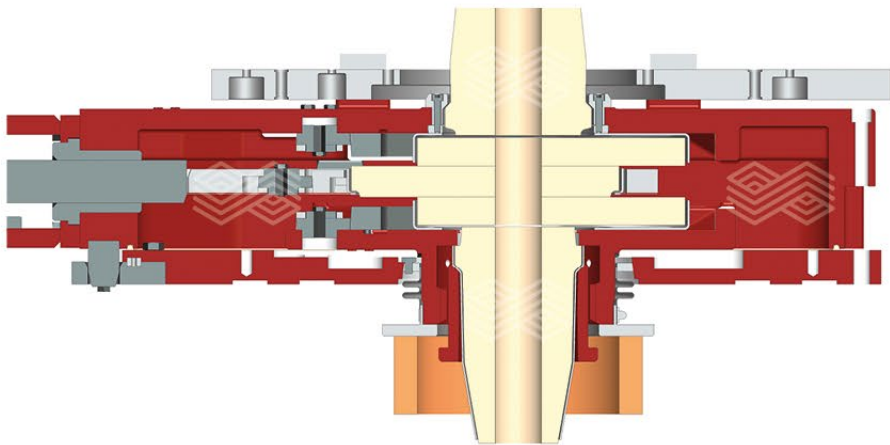
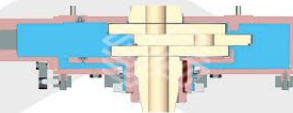
Easy access to mechanics and refractories



Fully shielded steel flow into mold



Fully sealed gate



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