Ladle Gate
Type LC
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Overview
• Easy and quick assembly
• Automatic tensioning system
• Safe setting of plates — no clamping necessary
• Cost savings due to advanced refractory design
• Minimized maintenance
• Low operational cost

Concept
• Compact two-plate linear gate
• Automatic tensioning system through assembly stroke
• No extra device for releasing the system tension
• High temperature resistant tension elements
• Easy assembly of plates due to swiveling slider
• Designed for automatic casting
• Easy adaption of early slag detection

Assembly
• Quick assembly of the ready to use refractories
• No workshop required
• Easy and safe mounting of plates, no tools required
• One person for assembly only
• Higher ladle availability and energy savings

Mounting and Drive
• Any mounting position on ladle bottom possible
• Quick installation of the complete unit
• Various drive possibilities e.g. direct, bell crank, extended
• Automatic cylinder coupling SNAP possible

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<th>B</th>
<th>C</th>
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A: maximum casting diameter  B: working stroke

Main parts

- Well block
- Base plate
- Inner nozzle
- Tension element
- Cylinder
- Drive
- Housing
- Bottom plate
- Slider plate
- Slider
- Carrier frame
- Collector nozzle
- Collector nozzle holder
- Driving sheet
- Heat shield

SNAP automatic cylinder coupling