STEEL / FLOW CONTROL TECHNOLOGY

Ladle Gate
Type CS
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Overview
• Smaller and compact ladle gate system
• Advanced refractory design
• Safe settings of plates — no clamping necessary
• Longer working stroke
• Minimized maintenance
• Low operational costs

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Well block
Base plate
Inner nozzle
Drive
Cylinder
Housing
Roller support
Bottom plate
Slider plate
Slider
Collector nozzle
Collector nozzle holder
Heat shield
Tension element

Concept
• Two main components only:
  > Housing and slider
• Double hinged ladle gate:
  > swiveling of slider:
    — easy assembling of the plates
    — easy access to tension elements
    — easy access to early slag detection system
    — easy setting of a jumbo nozzle
    — exchange of jumbo nozzle without replacing plates
    — exchangeable nozzle
  > swiveling of ladle gate unit:
    — easy access to tension elements
    — easy access to early slag detection system
    — easy setting of a jumbo nozzle
    — exchange of jumbo nozzle without replacing plates

• Automatic tensioning system through additional assembly stroke
• No extra device for releasing the system tension
• Designed for automatic casting
• High temperature resistant tension elements
• High safety standard for operator and CCM

SNAP automatic cylinder coupling