Robot technology for continuous casting operation

The safety step forward in continuous operation

- Safe and reliable operations at ladle and tundish levels on the casting floor and in make-up areas
- Refractory parts handling
- Oxygen lancing capability
- Drive connection
- Tundish operation management
- Location of the operators in safe areas
- Remote control of casting operation
- Expert tools for process management

- Slide gate media connection
- Ladle shroud transport
- Ladle shroud cleaning and inspection
- Oxygen lancing of casting channel
- Tundish powder application
- Temperature sampling in tundish
- Steel sampling in tundish

RCT offers

Robotized operation for:
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- Ladle shroud transport
- Ladle shroud cleaning and inspection
- Oxygen lancing of casting channel
- Tundish powder application
- Temperature sampling in tundish
- Steel sampling in tundish

Robot ready flow control devices

Flow control devices and refractory consumables are tailor made for robotic operation

- LTC (Ladle Tube Changer), LSH (Ladle Shroud Holder), SEM3085 (Tundish Tube Changer)

Robotized operation with ladle tube changer

Fully automatic oxygen lancing of ladle casting channel

Robotized operation with ladle tube changer

Fully automatic tube change for stopper or tundish slide gate

Robotized operation in ladle preparation area

Fully automated oxygen lancing of ladle casting channel
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