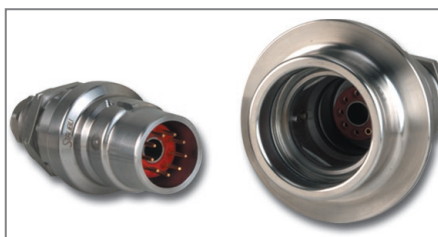
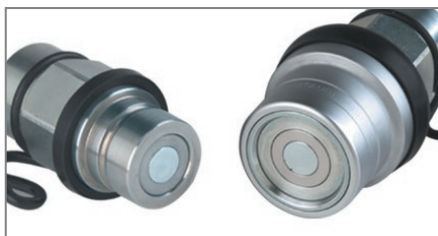
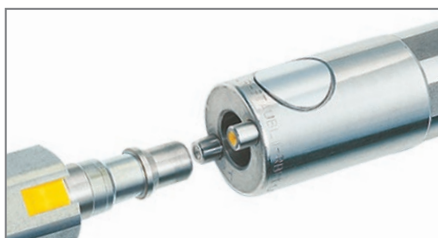


Connection of energies Steel industry





Stäubli's experience in fluid technology...



Raw material preparation

- Water glycol supply to the hydraulic unit for opening gates
- Pad lubrication of tilting car
- Refilling the grease pump on the excavator jack
- Hydraulic supply to grinders
- Compressed air for cleaning of pneumatic jack

Blast furnaces

- Burner and gas fuel
- Coke branch feeding for atomized gas
- Casting ladle feed

Steel work

- For argon and inert gas connection on casting ladles
- Bleeding-off gas (compressed air, oxygen, water and natural gas) for ladle maintenance
- Gas supply: nitrogen, argon, natural gas, oxygen
- Oxygenation of casting ladles
- Operation of hydraulic slide gate cylinder
- Energy supply on hydraulic units
- Hydraulic supply of the motion cylinders for the casting ladle (AOD) support car

Continuous casting

- Power and heat measurement of electric vibrating table drive
- Jack feed for gauge tables
- Thermocouple used for fiber-optic detection
- Greasing, cooling and lubrication of continuous cast rollers
- Roller calipers
- Slab distributor regulation
- Quick connection for ladle cooling during loading and transportation
- Slab cutting
- Oxycutting station
- Slab sizing before cold or hot rolling mill

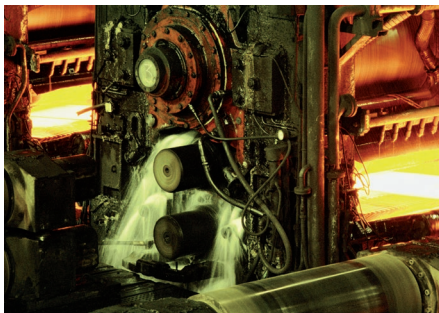




... servicing the steel industry

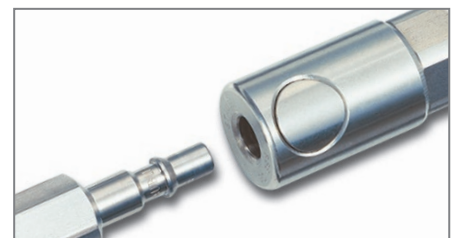
Hot rolling mills

- High pressure cylinder feed
- Bearing lubrication
- Water cooling and cylinder lubrication
- Cylinder height regulation
- Lubrication of chock
- Cambering



Cold rolling mills

- Cambering
- High pressure on cylinder and pressure relief valve
- Bearing lubrication
- Strip thickness and pressure sensor detection to trigger cutting



Rod and wire mills

- Tension roller jack feed and cooling
- Lubrication of chock
- Hydraulic power circuit for cylinder calipers and cambering

Common applications

- Feeding, gas distribution and descaling
- All types of gas welding torches
- Various standard products
- Breathing air



For contact details: www.staubli.com/connectors/contacts



Global presence of the Stäubli Group

- Stäubli units
- Agents

International sales coordination

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