

Steel work and Foundry Techniques – Ladle Slide Gate System TS80

Ladle slide gates for vacuum treatment ladles and casting ladles etc.

The vacuum degassing process for small heats (DETEM) which was first used at Dörrenberg-Edelstahl, Germany, called for the development of a special designed ladle slide gate.

The company ICS – Tiebeke GmbH has got the exclusive license for the marketing of this patented slide gate system! In this regard ICS is hence able to offer all necessary services.

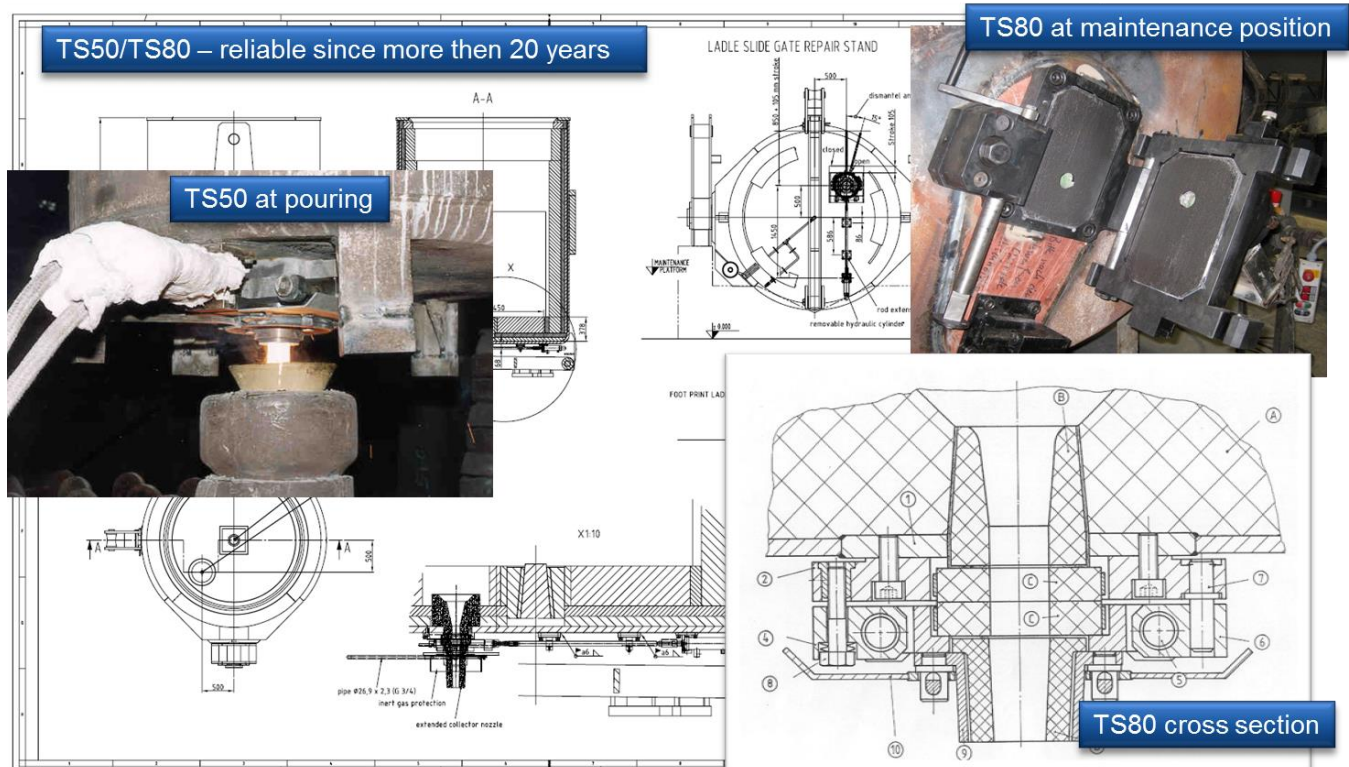
This slide gate is not only used in secondary metallurgical plants but also offers completely new advantages including cost savings to existing users of stopper rod casting ladles. With this meanwhile well proved slide gate system costs can be reduced in comparison to a stopper rod system by up to 50%!

This slide gate system has become state of the art in secondary metallurgy for small and mid-size heats.

It has demonstrated its suitability many times. Bore sizes up to 80 mm are possible. Its application in every casting ladle (0,5 – 50 t) is justified for technical as well as economic reasons!

Advantages of the TS* slide gate system:

- accurate and simple control of casting process
- simple installation
- replacement of consumables at a hot ladle
- slide gate plates are of the same design and can be used on both sides
- easy handling because of light weight pieces
- less mechanics = less costs of investment
- less consumables = less running expenses
- hydraulic cylinder manually hand able



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Daher, gut beraten mit Erfahrung in ...

- Anlagenbau Sekundärmetallurgie (Neubau, Umbau, Modernisierung)
- Machbarkeitsstudien Sekundärmetallurgie
- Vakuum Schleusen für Legierungsmaterialien
- Drahteinspulsysteme für Füll- und Volldrähte
- Gießfannenschieber für Stahlwerke und Gießereien
- Temperatur- und Probenahmesysteme
- Projektmanagement
- Projektierung und 3D-Layouts für VD/ VOD/ CAS/ CAS-OB/ LTS/ VCP und mehr



So, well advised with experience in ...

- **Plant construction secondary metallurgy (new construction, conversion, modernization)**
- **Feasibility studies for secondary metallurgy**
- **Vacuum hopper systems for alloying materials**
- **Wire injection systems**
- **Ladle slide gates for steel works and foundries**
- **Temperature measuring and sampling systems**
- **Project management**
- **Project planning and 3D-layouting for VD/ VOD/ CAS/ CAS-OB/ LTS/ VCP and more**



Por lo tanto, bien asesorado en ...

- Instalaciones de metalurgia secundaria (nueva construcción, conversión, modernización)
- Estudios de viabilidad de metalurgia secundaria
- Instalaciones de tolva vacío para ferroaleación
- Sistemas alambre inyección
- Valvulas de cucharas para las plantas de acero y fundiciones
- Sistemas medición de temperatura y toma de muestras
- Administración de Proyectos
- Proyecto y 3D-layouting para VD/ VOD/ CAS/ CAS-OB/ LTS/ VCP y mas



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