**Optimal Pouring Control**

*Improve safety and metal quality*

**Hydraulic-Tilting Transfer Ladle**

Pyrotek’s hydraulic-tilting transfer ladle system offers optimal control during metal transfer pours. The hydraulics design has a predictable and smooth tilting action to reduce turbulence, and the spout design offers a fixed point for metal flow.

The base body is composed of a steel shell, refractory drop-in liner and back-up insulation material installed between the refractory liner and steel shell.

The heart of the system is a durable precast refractory ladle liner, which has excellent material properties and can be easily replaced. The refractory liner has an expected life of 6–12 months if recommendations are followed.

**Advantages of the System:**

- Hydraulic cylinder lock holds in open position so ladle can’t fall when raised
- Hydraulic reinforcements and pivot are durable enough for larger capacity ladles
- Hydraulic lid with rope seal improves safety and minimizes heat loss
- Insulation can be installed around the bottom and walls to further reduce temperature loss
- Hydraulic cylinders are well protected against damage from forklift or metal splash

**Optional Accessories:**

- Lid (manually or hydraulically opens, with hole for degasser)
- Draining launder or filter box
- Interchangeable crucible
- Rotation system for tilting to both sides
- Forklift security system (chain, pins, bolts, etc.)

**Precast refractory liner has excellent material properties due to casting, curing and firing processes.**

**Why Pyrotek?**

Our global network of technical experts help foundries to find the optimum metal transfer solutions. For more information, contact your local Pyrotek application engineer.