

Optimal Pouring Control

Improve safety and metal quality

Hydraulic-Tilting Transfer Ladle

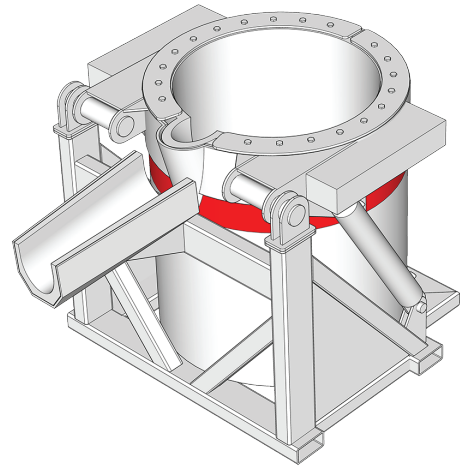
Pyrotek's hydraulic-tilting transfer ladle system offers optimal control during metal transfer pours. The hydraulics design has a predictable and smooth tilting action to reduce turbulence, and the spout design offers a fixed point for metal flow.

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.



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

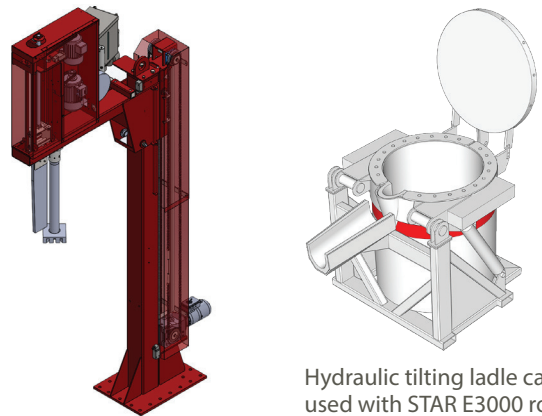


Advantages of the System:

- 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.)



Hydraulic tilting ladle can be used with STAR E3000 rotary degasser/flux injection

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.

