



FOUNDRY ENGINEERING

THE WAY TO INNOVATION

**BOTTOM POURING UNHEATED SYSTEM: LS**



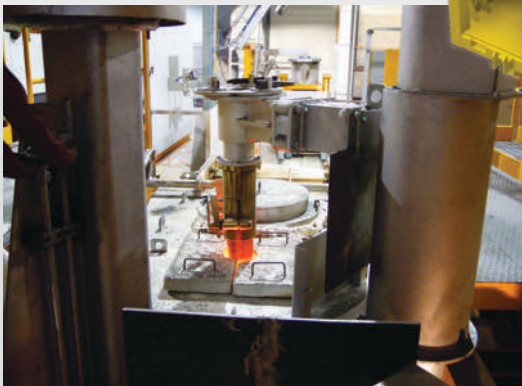
The LS Automatic Pouring System is an unheated pouring system suitable for all iron type based on gravity principle (bottom pouring).

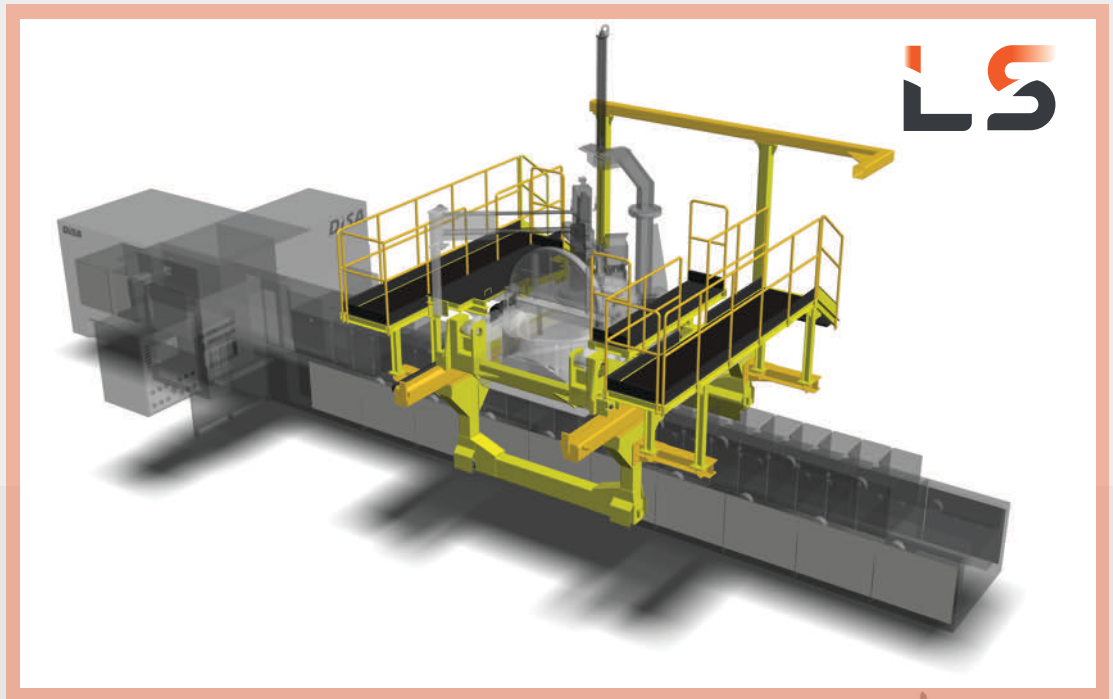
LS is perfectly suited for ductile iron production, as its principle is focusing on protecting the metal from oxidation while saving as much as possible the temperature thanks a high thermal efficient insulation. This brings the benefits of reducing the slag formation minimize the Mg fading, as well as an undeniable savings in energy and treatment alloy consumption.

The LS ladle capacity is studied in function of the process flow/rate in order to guarantee the good temperature stabilization.

**MODELS:**

Model	Max Capacity	Suitable production flow /rate	Heel
LS2	2500 Kg	Up to 10 t/h	200
LS3	3500 Kg	Up to 20 t/h	200
LS5	5500 Kg	> 20 t/h	300





### Main Features

- Filling process without interrupting the pouring operation
- Control of quantity of metal inside the pouring ladle (on board weighing scale)
- Auto level compensation for better pouring flow control
- Tilting frame for empty the LS ladle totally and quickly
- Brushless positioning (LS2 Model), for better rapidity and precise positioning

### PIC SYSTEM - Pouring Control

The LS is equipped with all Progetta equipments for the best Automatic Pouring control:

- PSD - Progetta Stopper Rod Device
- PIC - Pouring Image Control) to perform the automatic perfect filling of your moulds, avoiding over pouring and/or short pouring.
- P7-P16 - Progetta In-Stream feeder unit
- VISINOC - instream inoculation checking
- POURING MANAGER - Scada Application Software with integrated SQL database for the recording of all production data



**PROGELTA S.R.L.**

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**FOR MORE CONTACTS VISIT US AT:**

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