

GEARED PRECISION BOTTOM POUR LADLES

Modern Series 1170 bottom pour ladles provide slag-free metal and are applicable for pouring both light and heavy work.

Design of the bottom-pours rectangular slide mechanism insures positive control over the flow of metal. With a housing enclosing the machined rack and pinion, all moving parts are protected from foundry dirt, slag and sparks which tend to gum-up ordinary open slides. The entire assembly remains clean. Manual fixtures, incorporated in the design, lock both the gooseneck and stop-per rod in their accurate adjusted position. The entire mechanism is hinge mounted to the ladle bowl to permit easy adjustment of the stopper rod in its vertical alignment.

Slides can be furnished to release metal when the lever is either raised or depressed. The dual motion of the lever applies whether lever is mounted to the right or the left of the ladle centerline. The broad flexibility in control over metal flow meets a wide range of conditions in varying foundry practices.

Disengagement of the bottom pour unit for maintenance purposes is easily accomplished by removing the hinge pin.

Ladle bowls are well vented on the sides and bottom, to insure fast, safe drying of the linings.

Trunnion locations of geared, bottom pour ladles are engineered for correct balance. When ordering, specify linings to be used.



Series 1170 - Geared, precision bottom pour ladle

DETAILED FEATURES

1. Sizes starting at 26" and 1,200 lbs steel.
2. Lining forms available.