

# Tymac Involute 110 Auto Ladle

## Dual-Axis Autoladle

- Can be mounted on any make or size of die casting machine.
- Works with the machine seamlessly in aut cycle, without the need for separate commands.
- Simplified interfacing of ladle and die casting machine ensures that the autoladle is positioned over the shot hole, ready to discharge metal immediately on die closure.
- Computer-controlled, transferring metal from furnace to die casting machine with no spillage.
- Ladle rotation speed, crank speed, shot weight, and timer values are easily programmed via the control panel.
- Built-in tests ensure the metal level sensor circuit is verified on every shot.
- Rugged design for minimum maintenance and long life.



## Specifications:

Distance between pickup and pour points	59-74.8 inches (1500-1900 mm)
Metal carrying capacity	11 pounds (5 Kgs)
Shot weight consistency	± 1%
Metal Level range	11.8 inches (300 mm)
Control	PLC with man-machine interface

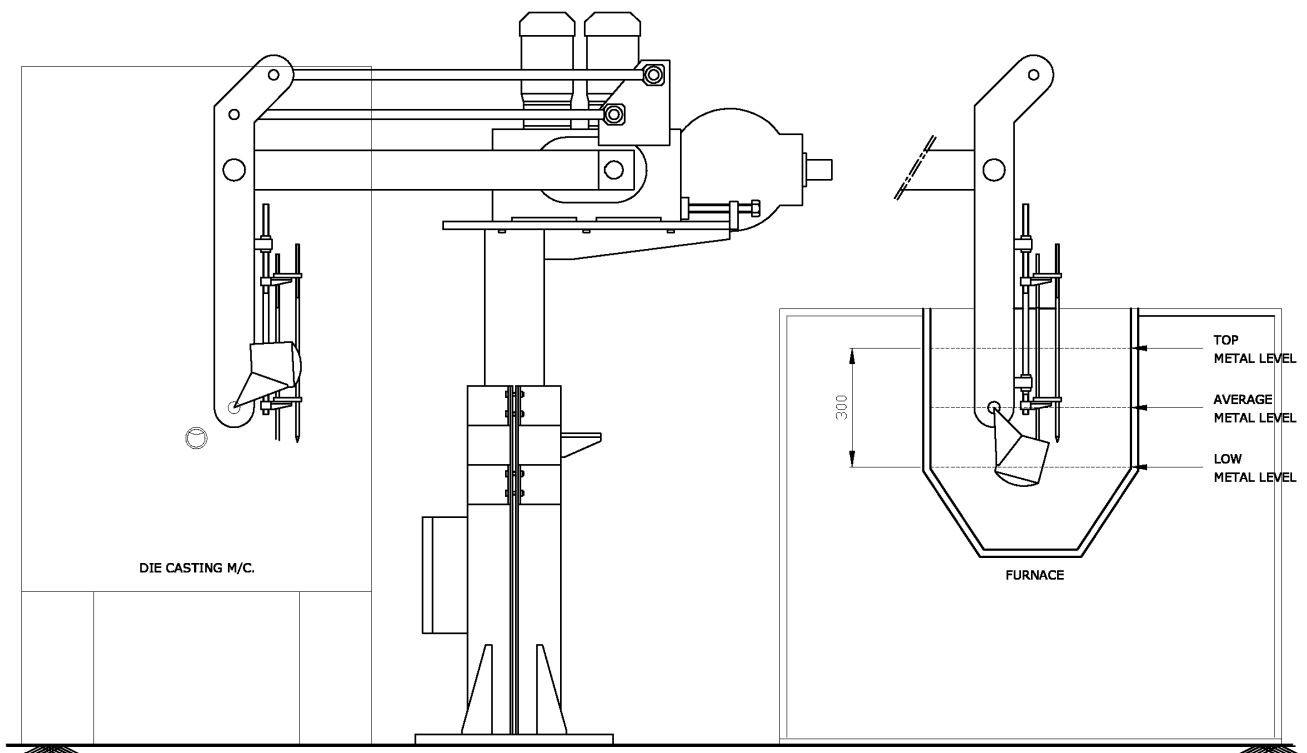
## Tymac Controls Corp.

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US Patents: 3,911,419, 3,878,375, 4,094,490, 4,249,186 4,383,449, 4,504,920, 4,734,869, 6,357,336 Canadian Patent: 1-234-902 European Patent: 0 126 174

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Dip Well Inside Diameter	Minimum 19.75in (500mm) for 11lb (5kg) ladle cup
Prime movers	2 AC Induction Motors: 3 phase, 1HP, 1410 RPM
Drives:	2 Variable Frequency Drives 1 HP with 3 phase input and 3 phase output
Power	2 KW, any standard 3 phase volt
Ground	Resistance < 0.5 ohms for the control panel and frame of the autoladle.



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