



# INVOLUTE

Appropriate Technology since 1971

## ★ 2-Axes Autoladle

- ▶ Involute autoladle transfers molten Aluminium metal from a holding furnace to a high pressure diecasting machine.
- ▶ It can be mounted on any make or size of Diecasting machine and works in autocycle with machine without separate commands for its working.
- ▶ Autoladle is positioned on the operator side of the casting machine.
- ▶ Proper interfacing of the autoladle and the casting machine ensures that the autoladle positions itself over the shot hole of the machine ready to discharge the metal immediately on die closure.
- ▶ This autoladle is driven electrically and the metal is transferred from the furnace to the casting machine without any spillage.
- ▶ The Angular speed of dipper and crank, shot weight selection and timer values can be altered from the control panel.
- ▶ BITE (Built in test equipment) facility ensures the proper condition of metal level finding sensor circuit before each autocycle.
- ▶ The design is simple and ensures minimum maintenance and longer life.
- ▶ The Autoladle can be used in a Gravity diecasting setup also.



### Specifications

<b>Distance between pickup and pour points</b>	<b>1500 - 2000 mm</b>
<b>Metal carrying capacity</b>	<b>4 kgs</b>
<b>Metal carrying consistency</b>	<b>±2%</b>
<b>Metal Level variation</b>	<b>300 mm</b>
<b>Control</b>	<b>PLC with Man Machine Interface</b>



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