



**WEIJING®**

**Auto Pouring Machine**



**SUZHOU WEIJING AUTOMATION CO., LTD**



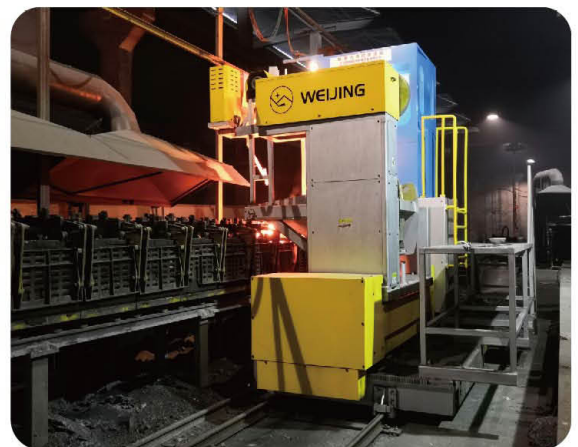
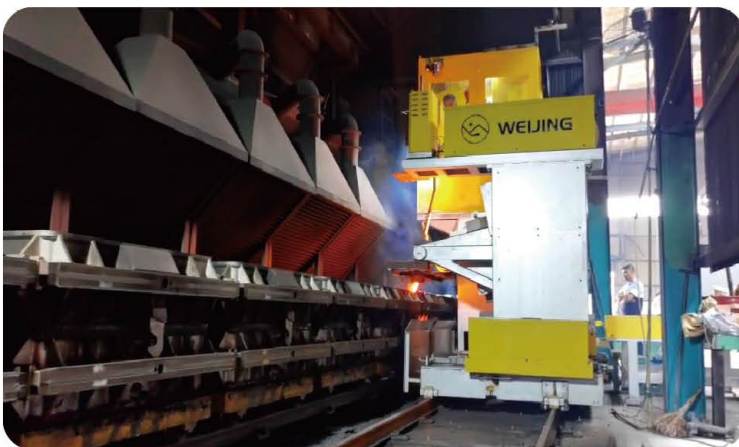


Weijing Auto Pouring Machine is customized for the foundries who don't want to reinvent the foundries, save time cost and have limited space for pouring machine.

Since Weijing Auto Pouring Machine doesn't need foundries to dig the groundwork for the machine and just needs at most 2meters distance for machine to move horizontally.

No matter horizontal molding lines or vertical molding line you have, Weijing Auto Pouring Machine always can match your lines perfectly.

### Horizontal molding line

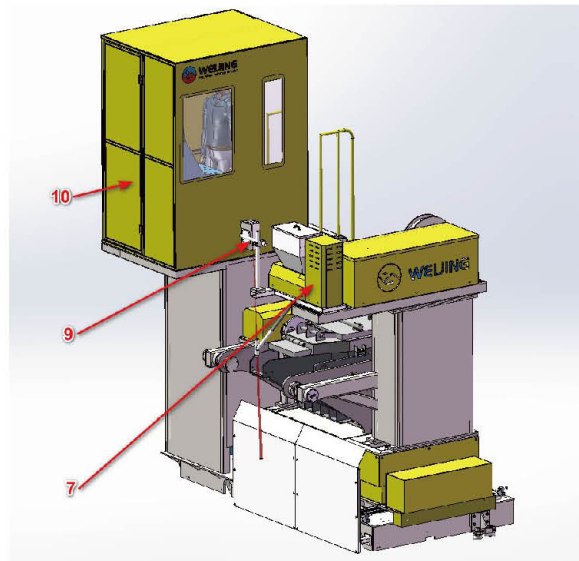
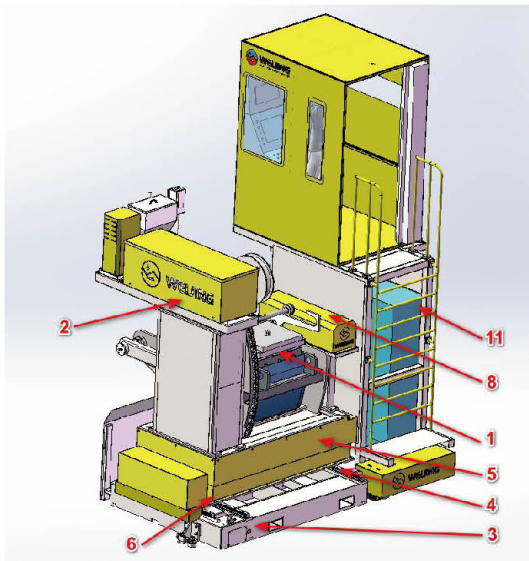


### Vertical molding line





### Main parts



- 1. casting ladle
- 2. ladle tilting device
- 3. large bogie for horizontal moving
- 4. small bogie for longitudinal moving
- 5. lifting device
- 6. weighing device
- 7. stream inoculation device
- 8. ladle door
- 9. temperature detecting device
- 10. control cabinet
- 11. electric control system

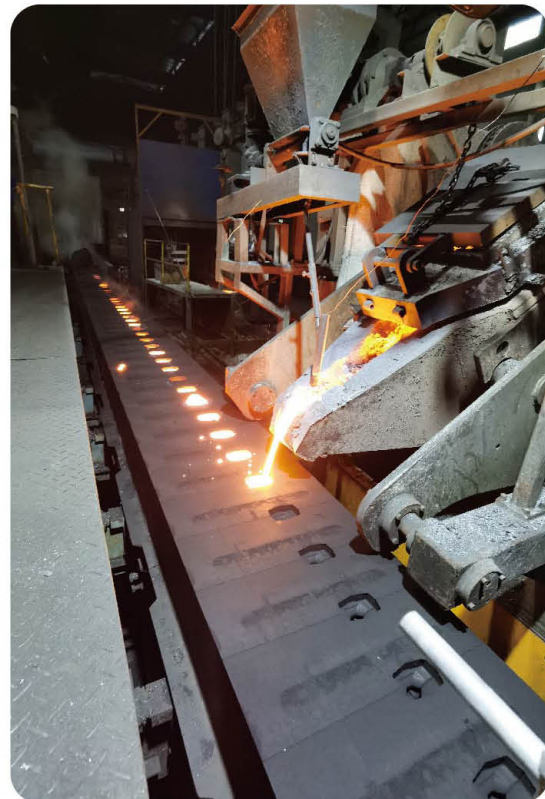
### Configurations:

- Wireless control version

Functions: wireless control, stream inoculation  
Requirements: molding line velocity should be less than 60 molds/hour.

- Full-auto control version

Functions: weighing system, moving & pouring  
Requirements: molding line velocity should be between 60 molds/hour and 300 molds/hour.







**MVF Ladle:** the ladle can't move in & move out via the floor rails.  
This kind ladle is suitable to molding line velocity less than 180 mold per hour.



**MVR Ladle:** the ladle can move in & move out via the floor rails.  
This kind ladle is suitable to molding line velocity up to 300 molds per hour from 180 mold per hour. Since one ladle can move to the furnace to pick up the molten metal, another ladle on the machine can work.



### Model and specification

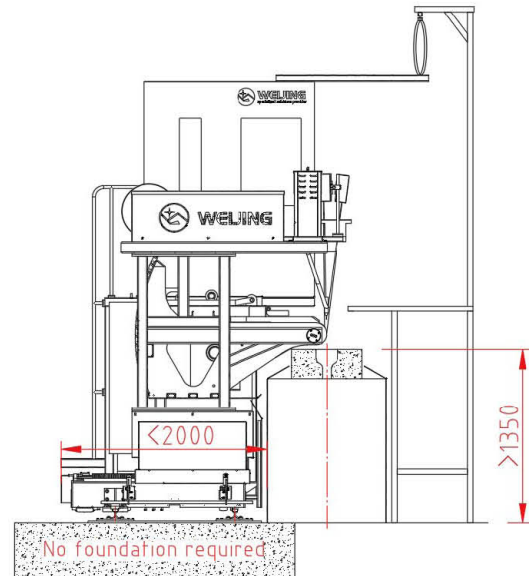
Model	MV-F\R	MV-F\R	MV-F\R	MV-F\R	MV-F\R
Ladle volume(kg)	400-600	600-800	800-1000	1000-1200	>1200
Ladle dimensions	3600*2400*4200 (mm)		4000*2400*4200 (mm)		Special customization





## Features

- 1. don't need to lay the foundation of pouring machine in advance and just needs at most 2 meters distance for machine to move horizontally.
- 2. required height of vertical molding line should be more than 1350 mm.
- 3. signal interlocking model can help the foundry to use the time of changing templates of molds to pour. No second to waste.
- 4. one button to drain the residue of molten metal in the ladle to the drain tank via a prepared chute.



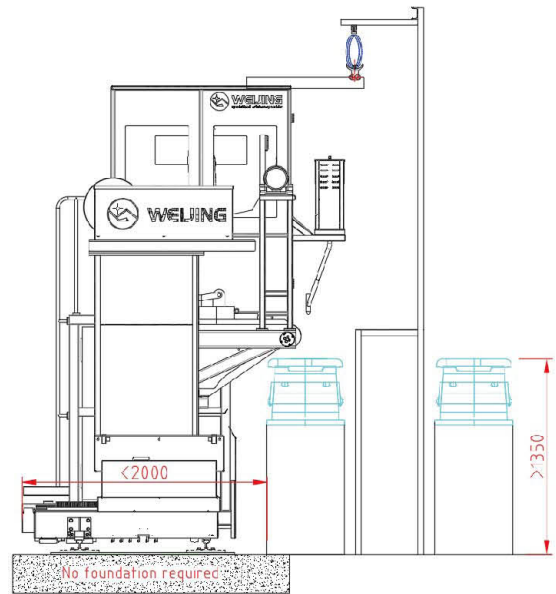
## Application case





## Features

- 1. don't need to lay the foundation of pouring machine in advance and just needs at most 2meters distance for machine to move horizontally.
- 2. required height of vertical molding line should be more than 1350 mm.
- 3. the machine can rise up to 250 mm for meeting diversity of mold thickness.
- 4. signal interlocking model can help the foundry to use the time of changing templates of molds to pour. No second to waste.
- 5. moving & pouring function can improve approx.10% pouring efficiency for the foundry.
- 6. one button to drain the residue of molten metal in the ladle to the drain tank via a prepared chute.



## Application case





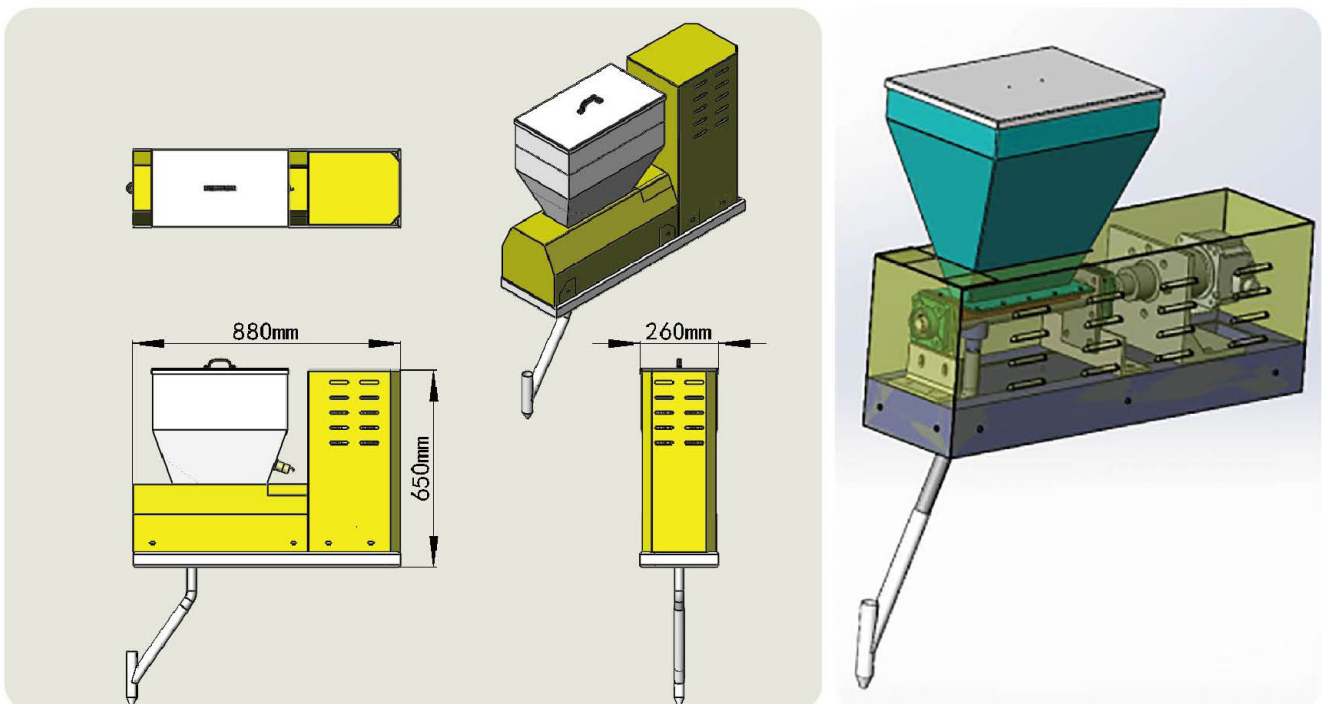
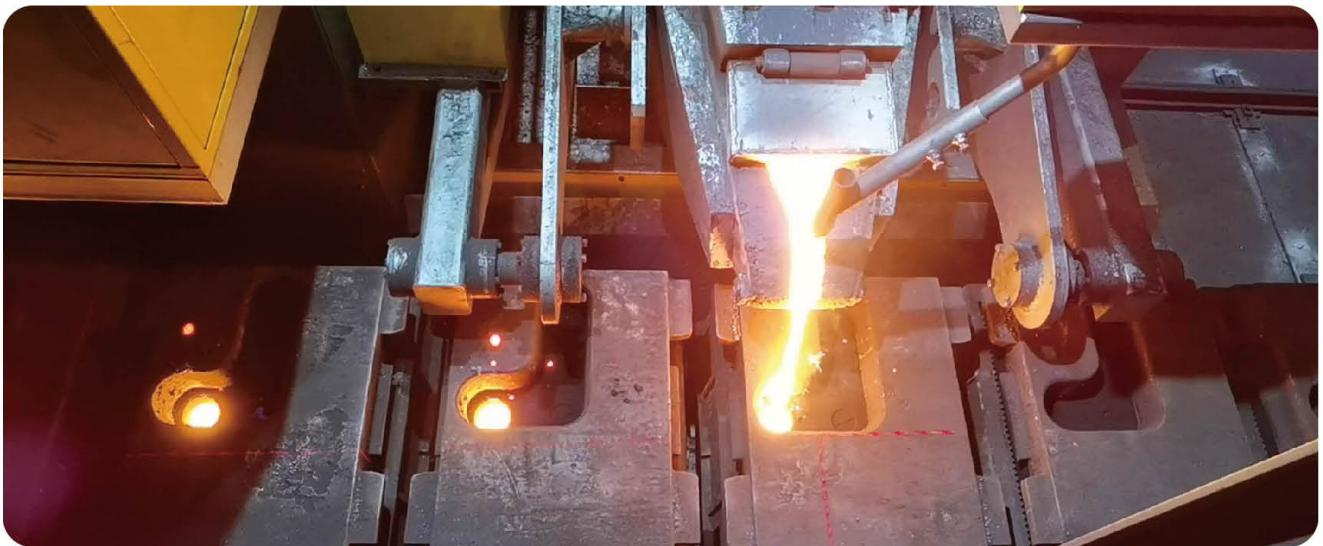


## Stream inoculation

- the inoculant will be directly charged into the molten metal stream with the required amount via spiral mechanical transmission.

## Features

- High precision: the error will be no more than 1 g. Save rare earth elements for the planet.
- Synchronization: inoculant charging with pouring metal together for better quality.
- Suitable volume: up to 25 kg, inoculant granularity is 0.2-0.7 mm.



## WEIJING >>>

WEIJING AUTOMATION, established in 2008, is a foundry machine manufacturer dedicating to provide professional machines, services and solutions with premium quality and competitive price for global foundries.

WEIJING has two premises. One is in Suzhou, another is in Jining. Total area is up to 9000 SQM.

WEIJING foundry machines covers degating wedge, runner cutter/breaker, degating hammer, CNC grinding machine, Auto tilting pouring machine and Auto molten metal transferring machine.

By end of 2023, WEIJING has delivered 1007 wedge breakers, 47 runner cutters, 196 air hammers, 131 auto grinding machines, 61 tilting pouring machines to foundries worldwide. And WEIJING foundry customers already covers 25 countries.

Positive action, honest communicating, transparent collaboration, is WEIJING Conduct Code.

WEIJING people firmly believe from the heart THE MATCHED IS THE BEST.

## WEIJING POURING MACHINE, YOUR WISE CHOICE



**Suzhou premises**



**Jining premises**



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