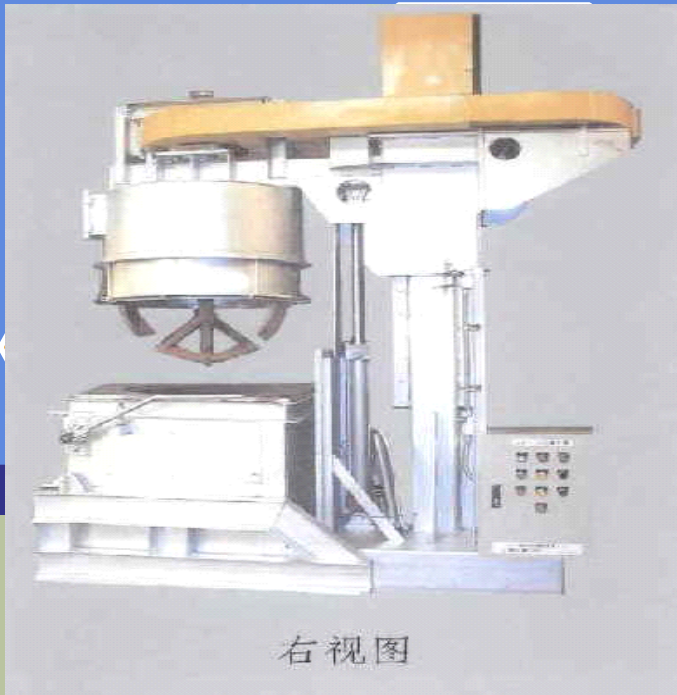




# Aluminum Dross Recycling Equipment



[www.innorecycling.com](http://www.innorecycling.com)

Tianjin Innovator  
Environmental Engineering Co.,Ltd





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# Introduction

## ◆ What's the company aim

- Aluminum dross recycling equipment makes it economically viable to treat residual waste left after conventional recycling , offering cost savings and make contribution to the cause of environmental protection.
- Tianjin Innovator International want to help the company find an economically viable solution to deal with their furnace dross.
- We has focused on providing a low-cost solution for processing aluminum waste. The aluminum industry is going to decreasingly burdened on what it can and can't do with its waste. Industry will reduce the waste output and possess a clean foundry environment.



# Products

## ◆ L150 type

● This is a device which uses the aluminothermic reaction of the alumina (hot dross) to separate the alumina dross and aluminum solution by means of agitation of the blades, and afterwards, the aluminum solution is directed to the steel ingot mould, the dross residue will go to the box. It consists of hot dross pouring mobile pot, dross processor equipped with vertical moving rotating blades, oil pressure cylinder which can control the vertical moving, control for pre-heating

● L type high speed dross recycling equipment which is designed specifically for alloys casting enterprises. It has relatively small size and great efficiency, easy to operate and well accepted by the customers.





# Products

**L150 type completed package**

High  
Speed  
Dross  
Processor

Operation  
panel

Mobile Pot

**Innovator International**



# Products

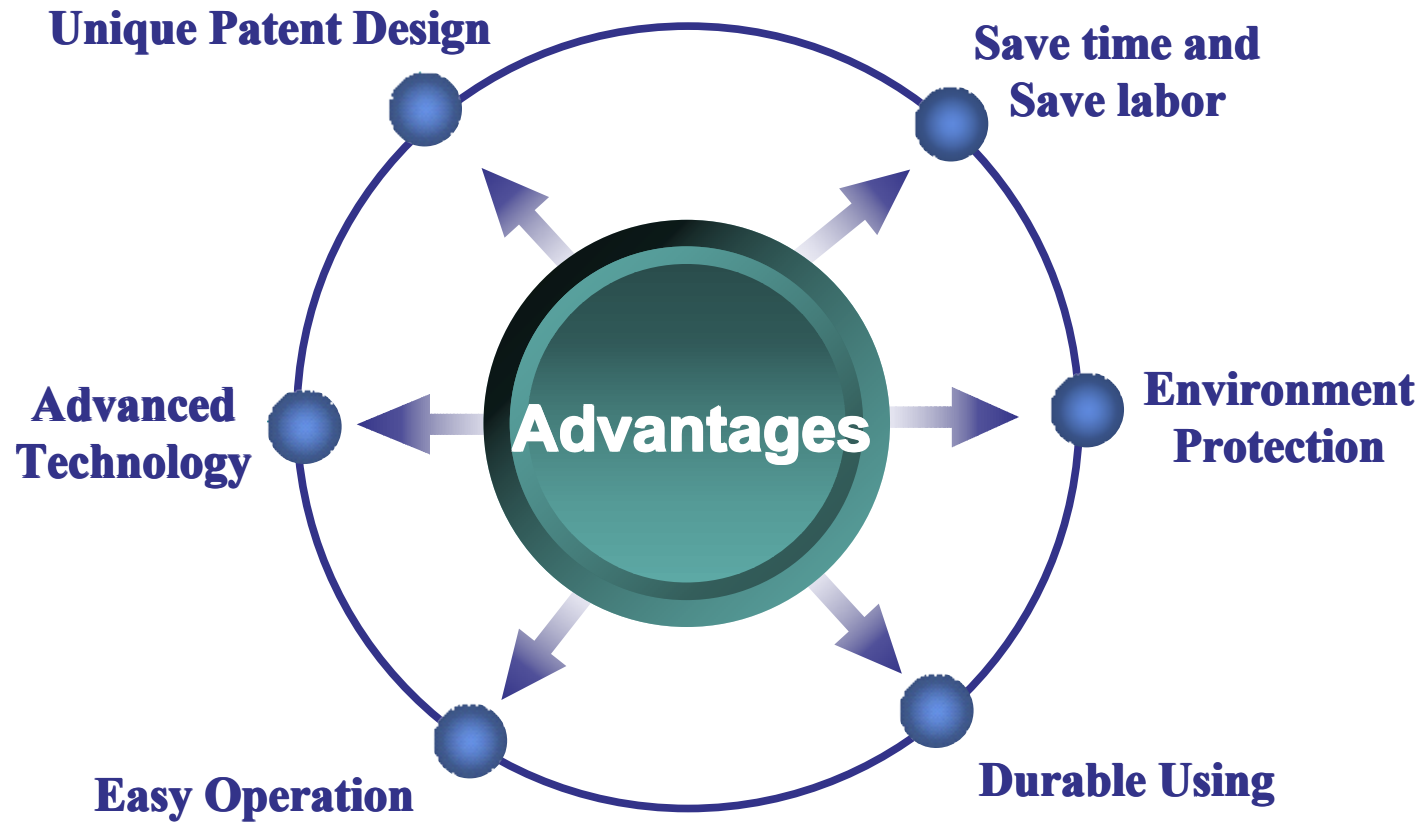
## L150 type

- **A small capacity device which is developed for the dissolving heater of the casting factories**
- **High efficiency agitation by means of vertical moving of the variable speed dual-blades**
- **Small area, 2000L x 1000W**

- **Mobile pot can be adopted to reduce the production of dust**
- **Small capacity dust collector can be adopted**
- **Simple to learn and easy to operate**
- **Dual-blades without variable speed gear**

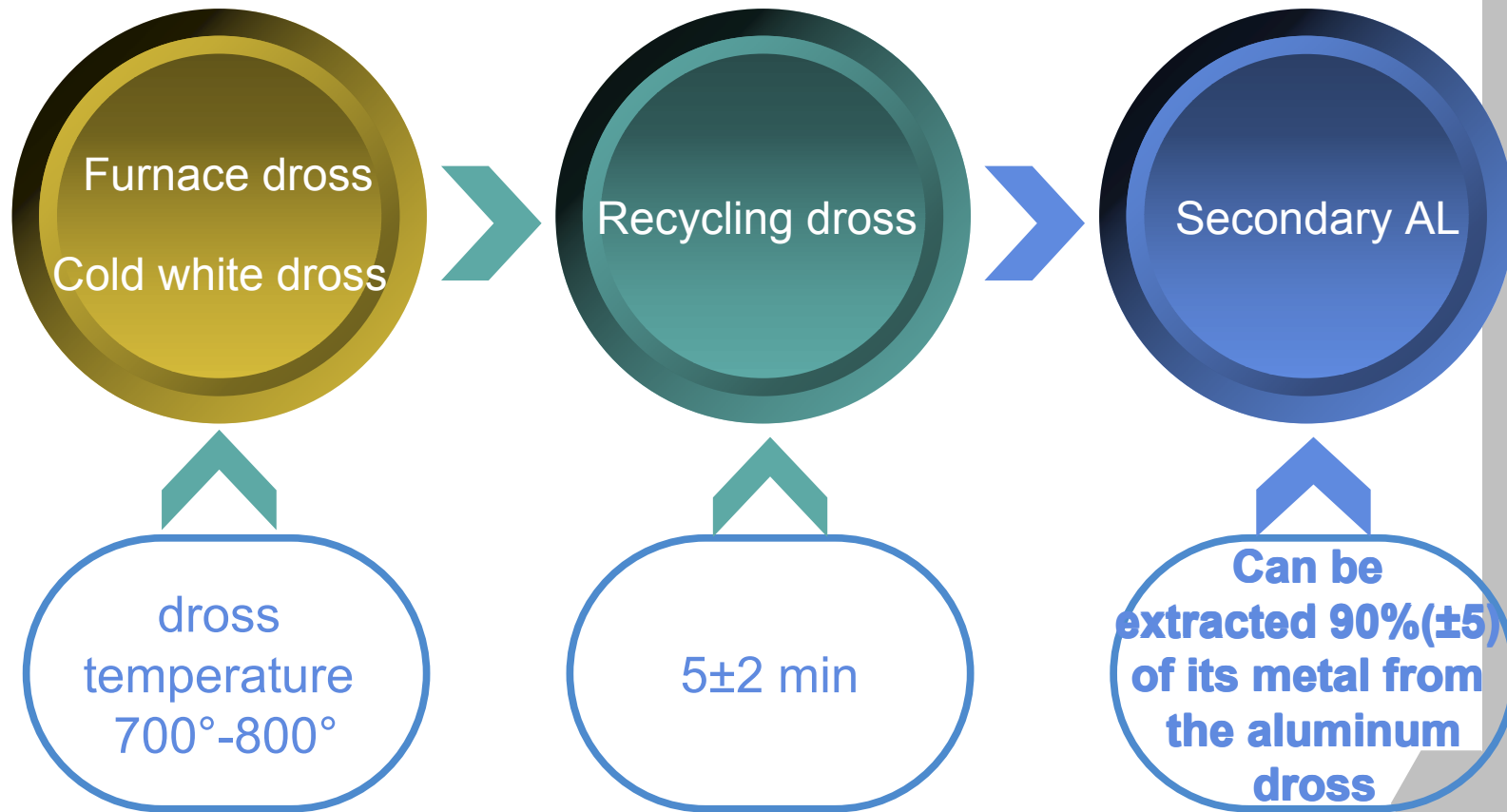


# Products





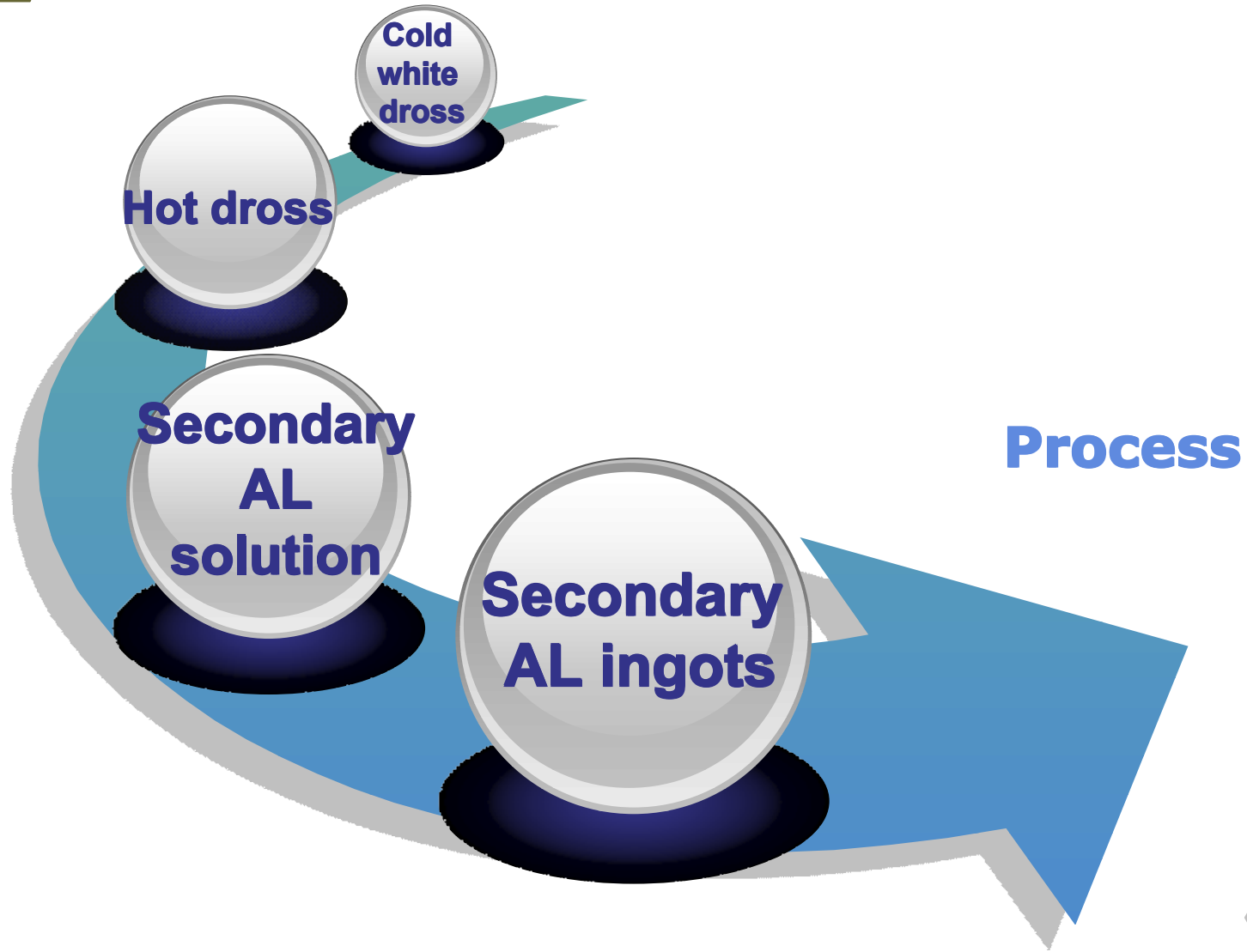
# Recycling







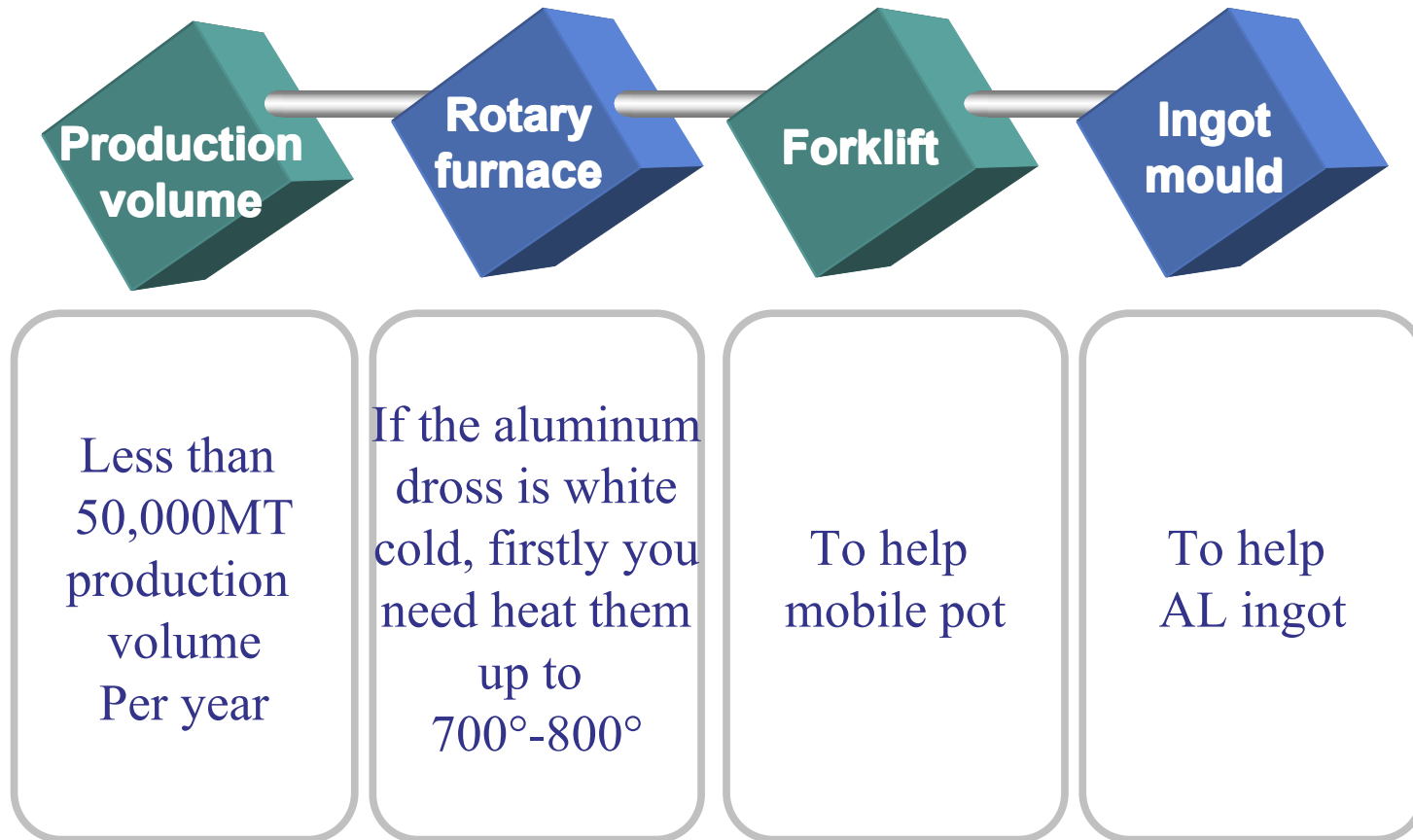
# Recycling



**Innovator International**



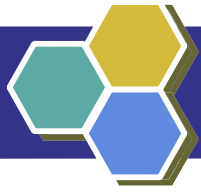
# User Condition





# Specification

	L150(hor)	L150(ver)
<b>Dimension</b>	<b>1000/2000/2500</b>	<b>1200/1000/3800</b>
<b>Motor</b>	<b>3.7KW</b>	<b>3.7KW</b>
<b>Pot Dimension</b>	<b>Φ680/490</b>	<b>Φ680/490</b>
<b>Pot Capacity</b>	<b>0.14m<sup>3</sup></b>	<b>0.14m<sup>3</sup></b>
<b>Process Capacity</b>	<b>180±30kg/once</b>	<b>180±30kg/once</b>
<b>Process Time</b>	<b>5±2min</b>	<b>5±2min</b>
<b>Rate of recovery on all furnace dross</b>	<b>Over 50%</b>	<b>Over 50%</b>
<b>Rate of recovery on aluminum</b>	<b>90%(±5)</b>	<b>90%(±5)</b>



## Conclusion

### ◆ More recovery=More profit

Used and validated by many enterprises, this equipment is fault-free and it can use 350 days per year. So industry may do not worry about equipment failure that is affected production.

**our customer**

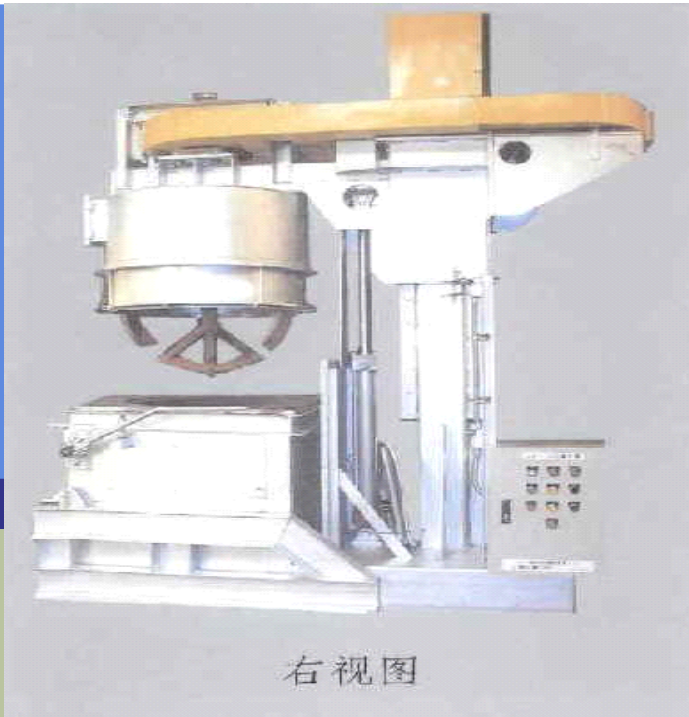




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**Thank You!**



右视图

**6-2-605 RongHe Plaza,Central Road,Airport Economic Area,Tianjin,China**

**300300**

**Tel:+86 22 84841648**

**Fax:+86 22 84841659**

**Mobile: +86 13920450135**

**Email: [Matthews@innorecycling.com](mailto:Matthews@innorecycling.com)**

