

Scraping slag robot

产品名称	Scraping slag robot
公司名称	河北长孚电气设备有限公司
价格	400000.00/套
规格参数	
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产品详情

Ingot thickness closed-loop control and scraping slag robot system achieves the functions of automatic high precision adjustment of drawing water for aluminum ingot casting line, the automatic control of the aluminum ingot thickness, automatic speed adjustment of the feet ingot, automatic scraping slag robot, and so on.

Ingot thickness closed-loop control and scraping slag robot system is a set of equipment with the thickness detector, photoelectric switch detector, step motor adjustment, the scraping slag and tapping device. Through the PLC to detect the thickness and photoelectric switch, the inverter, step motor and robot is designed for automatic control which saves the manual operation.

Performance indicators:

Closed-loop control achieves the automatic high precision adjustment of the aluminum water drained, which solves the problem of the original manual regulating water continually and the poor accuracy of drained water adjustment, large aluminum thickness deviation, guaranteeing the consistency of the aluminum ingots thickness, which provides the preconditions for the neat appearance of the posterior stacking ingot.

Using the scraping slag robot to replace artificial, which saves the workers, it not only solves the problem of the original workers work at high temperature, but also the problem of the artificial scraping slag with leakage scraping and it makes sure the consistency of the scraping slag of aluminum ingots.

- 1) Thickness detection range: 0-80mm.
- 2) Thickness control accuracy: + 3mm.
- 3) The maximum range of step motor adjustment: 100mm.
- 4) The maximum speed of stepping motor: 15mm/s.

5) Robot scraping slag speed: 2-4 seconds/time.

6) The ingot number of the robot scraping slag each time: 2.

7) Length of the robot scraping slag: 100-200mm.