



SCL-15

FEATURES:

- Choice of melt supply capacities for 5-15 sets of die casting machines.
- Overhead traveling structure for space saving and high efficiency melt supply.
- Continuous safety power rails feature high tightness, high temperature resistance, and smooth traverse.
- All new melt supply system is ideal for die casting automation and unmanned operations.
- Greatly upgrade zinc and aluminum material stability. Reduces material waste during melting processes.
- Reduces melt temperature difference.
- Employs Omron PLC controller for maximum operation convenience.
- Advanced multiple transmission device for high sensitivity signal transmission.
- Lack of material display and automatic material supply.
- Buzzer sounds when machine traverse, ladle elevates, material feed and safety door open and close.
- Warning lamp flashes when motion occurs.

Traveling Automatic Melt Supply System

先進鋅鋁配湯概念 架空自走型鋅鋁配湯機



控制器搭配簡易人機界面

- The controller employs a Japanese OMRON PLC, featuring maximum stability of performance.
- Touch-sensing screen provides easy operation.
- Melt supply station can be set as desired.
- Melt supply counting and display for each die casting machine.
- Trouble indication permits convenient maintenance.
- Position display function.
- 採用日本OMRON PLC控制器，性能穩定。
- 觸控螢幕，操作簡易。
- 給湯站點可自由設定。
- 每台壓鑄機給湯計數與顯示。
- 故障指示，維修方便。

特性：

- 適合5-15台壓鑄機之自動給料。
- 架空自走式構造，不佔空間，高效率給料。
- 連續型安全電動軌，密封性佳，耐高溫，行程平穩順暢。
- 自動化，無人化壓鑄作業的高效率，全新功能機種。
- 大幅提高鋅鋁溶湯材質之穩定性。
- 降低鋅鋁熔解過程之損耗。
- 降低溶湯溫度。
- 先進多重信號傳輸，高靈敏度。
- 壓鑄機缺料顯示，並自動供料。
- 顯示警報顯示及配料機之移動，昇降，給湯，安全門動作。
- 動作時警示燈閃爍。



CONTINUOUS SAFETY POWER RAIL

The melt supply moves on the advanced overhead continuous safety power rails, which features high tightness and high temperature resistance. Variable travel speeds are controlled by a frequency inverter. Fast braking combined with buffering stop function ensures smooth stop motions and accurate positioning.

連續型安全電軌

配湯機滑動採用先進之架空式連續型安全電軌，具高密封性、耐高溫特性。行程速度以變頻器控制，提供無段變速，並可快速煞車，搭配緩慢停止功能，停止定位動作平穩順暢，定位精準。



MAIN CONTROL BOX

This control box is located on the workshop floor.

Employs PLC controller for maximum operation convenience. Control signals are transmitted to the control box of melt supply machine through the advanced multiple transmission device for accurate remote control.

- Single multiple transmission control
- Manual control melt supply for individual machine
- Manual operation control
- Motion displays
- Malfunction displays

主控制箱

此控制箱安置於地面，採用PLC控制器，提供簡易之操控。控制信號經由先進的多點傳輸至配湯機控制箱，作精確遙控。主控制箱提供多機能控制如：

- 配湯機自動信號多點傳輸控制
- 單機手控配湯
- 各部動作手動控制
- 各部動作顯示
- 各機能故障顯示



CONTROL BOX FOR MELT SUPPLY SYSTEM

This control box is mounted on the melt supply machine. Standard design for controlling 5 sets of die casting machines. Control for more machines is available upon request. Maximum controls up to 15 sets of die casting machines.

配湯系統控制箱

此控制箱安裝於配湯機上。標準功能可控制5台壓鑄機之給湯作業。並可另行要求增加控制台數，最多可控制15台壓鑄機之供料。



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