

中央自動加料系統



系統特點

鋅壓鑄全自動加料系統CS II-16

FULL AUTOMATIC CHARGING SYSTEM (Zn)

系統根據壓鑄機保溫爐反饋“低液位”信號，自動識別缺料，配湯機從中央熔爐將合金熔液迅速運送至該壓鑄機保溫爐，無須中間流道，避免了灌注過程合金的氧化和凝固，集中熔料，節省勞力，節約能源，減少廢渣，使壓鑄機爐溫穩定，確保壓鑄產品的高品質。配給裝置的行走速度、配給量及倒湯速度均可自由調校，設有聲光警示裝置，並在兩側設有碰撞急停制，確保系統的穩定性和安全性。是擁有多臺壓鑄設備的廠家理想的自動化配套設備。

The Full Automatic Charging System will deliver the specified amount of the molten metal directly to the holding furnace which sent the "Low Metal" signal using a Ladle Cup. This method is not required the chute on the holding furnace and increase the quality of the casting products because it decreases the Oxidation and Solidification possibility of the Molten Metal, There is a labour saving advantage because all of the melting can be accomplished at the center furnace with one Furnace Operator. This is possible due to the easy adjustment of the running speed, ladle taring Speed and the Charging amount of the Automated Robot Unit. The Safety facilities on the unit include Alarm Lamp and Buzzer, The Safety Cover on each side of the exposed unit and an emergency stop Plate Which is located on the unit to stop the unit when the plate come in contact with anyone or anything.

規格參數

Standard Specifications

1.行走 Travelling	
速度 Speed	MAX 35m/min、自由 (Free)
電機(減速機、電磁剎車) PSmotor.(Decelerator Electromagnetic Break)	3相 (Phases)、220V、200W、4P
電磁剎車 Electromagnetic Break	DC24V、20W
剎車扭矩 Break Torque	0.2kg-m
2.倒料 Reversing.	
倒料角度 Ladle Reversing Angl	MAX 120°
角度調校 Ladle Reversing Speed	無級 (Free controlling by Inverter.)
電動推杆 Electrical cylinder	DC24、60W、推力 (Power) 40kgf
3.上升下降 Ladle up and Down	
行程 UP and Down Cylinder Stroke	500mm
電動推杆 Electrical Cylinder	3相 (Phase)、220V、200W、4P
推力 Power	200kgf
速度 Speed	85/102mm/s、50/60Hz
4.伸出 Ladle Motion	
伸出角度 Movable angle	MAX28°
電動推杆 Electrical cylinder	3相 (Phase)、220V、推力 (Power) 300dgf
移動速度 Travelling Velocity	30mm/s
5.其他Others	
路軌(H形鋼) Rail.(Hype Steel)	H150 x 150 x 7/10mm
勺子容量 Ladle Capacity	45kg[Zn]
6.設備規格 Machine Specification	
給湯臺數 Max Chargeable Machines	MAX、16臺 (machines)
電源容量 Electric Power	220V、5A
電控櫃 Control Box	W700 x L330 x H1670mm
外形寸法 Overall dimensions	W1000 x D850 x H1635mm
重量 Weight of machine	250kg(Zn除外Without)
7.中央熔爐 Center Furnace	
容量 Capacity	1800kg(Zn)
燃油 Fuel Oil	10kg/h
外形尺寸 Overall dimensions	W1500 x L2000 x H1350mm
重量 Weight	7ton

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