

Automatic Melt Supply System

CARRIER

アルミ、亜鉛自動配湯装置

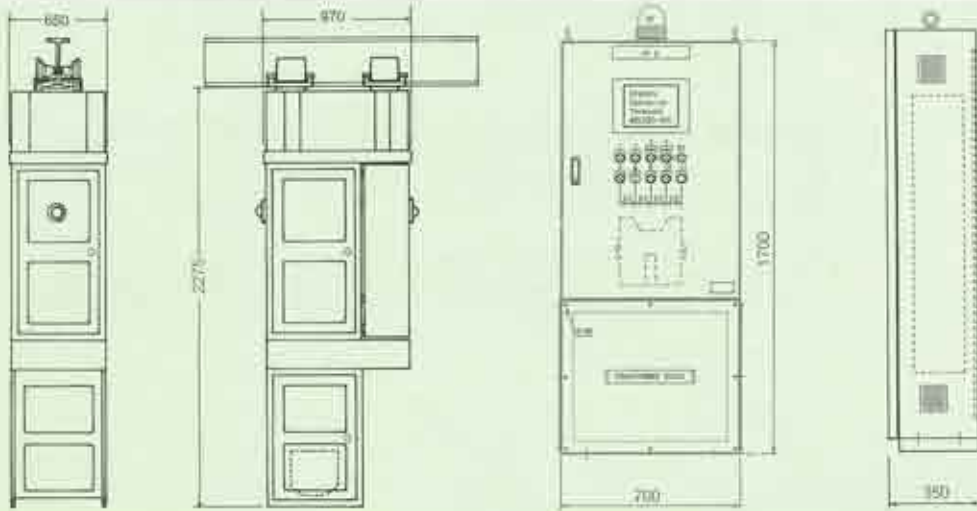


株式会社

広築

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キャリアー80



(GENERALS)

1. The automatic melt-supply system is intended for hot-charging an aluminum or zinc alloy (melted in the central melting furnace) into the dosing furnaces attached to the diecasting machine.
2. Its operation-cost such as electric power consumption being very low, it offers a great merit of economical production.
3. It serves to ensure stability in the founding condition. In controlling the founding operation, the most important factors are correct control of the melt-temperature and the quantity of the melt.
4. This enables you to curtail the labor power for the melt-supplying operation and that much more time and attention can be directed to quality control and improvement of productivity.
5. The speed of transporting melt, the time needed for melt-supply and the quantity of melt can be controlled and adjusted.
6. The system is equipped with a warning lamp, an alarm buzzer and a safety-cover. It is also equipped with a safety-device to prevent spilling of the melt during operation. Thus a near-perfect safety operation is ensured.

(概要)

1. 自動配湯装置は集中溶解炉（親炉）にて溶解されたAl,又はZn合金を各ダイカストマシン手許炉へホットチャージすることを目的とします。
2. 自動配湯装置は消費電力量が少なく、安いコストで大きなメリットを生む事ができます。
3. 鑄造作業管理上、一番必要な条件である熔融金属の温度管理及び溶湯量が常に安定し、一定した鑄造条件を得る事ができます。
4. 材料供給のための作業員が省け、製品の品質管理に専念でき生産性が良くなります。
5. 運搬速度、配湯時間、配湯量等の動作の設定が調整できます。
6. 警報ランプ、警報ブザー、安全カバーを付帯し、また運転中に熔融金属をこぼさないための安全装置を付帯し、安全対策には充分留意しております。

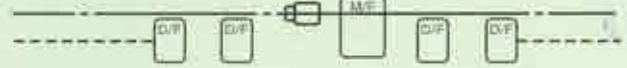
SPECIFICATIONS

Specification	Al	Zn
Melt Quantity (per charge)	40kg, 60kg, 80kg	120kg, 180kg, 250kg
Supply Distance (Main furnace to Dosing Furnace)	60~80m	60~80m
Travelling Speed	40m/Min	40m/Min
Supply Capacity	Max 1.2Ton/H	Max 3.5Ton/H
Power Supply	440~200V 3φ	440~200V 3φ
Driving System	Trolley Duct System	Trolley Duct System

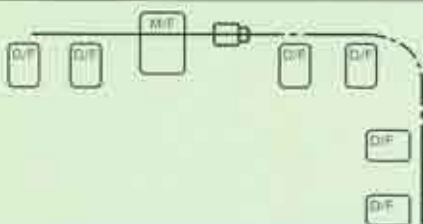
Type1 : Standard layout in straight lineup.



Type2 : Equal number of machines arranged on both sides of furnace in straight lineup.



Type3 : Arrangement in inverted "L" shape.



Type4 : Arrangement in inverted "U" shape.

