



ISO 9001:2000

Leading automation for Insert Molding.

The best in the World.

AUTOMATION SYSTEM

HYROBOTICS^X

Automation Systems

Leading automation technology for Pre-Insert Molding. The best Pre-Insert Molding A

High Volume Stocker

Features

Unattended Stacking System for Injection Molding
Unattended Operation up to 50 hrs.

- Power : AC 220V 50/60Hz
- Maximum Electric Consumption, Single Phase 220 Volts 5A
- Normal Pneumatic Pressure : 6kgf/cm²
- Maximum Pneumatic Pressure : 8kgf/cm²
- Air Consumption : 1.5 l (nomal) /cycle
- Operation : Air Cylinder with Induction Motor
- Control : PLC sequence control
- Pallet change time : 10sec



Air Shooting Mobile Phone Insert (Nut) Supply Machine

Features

Insert supplied with Air Shooting Method in Tubing
(Patent Pending) Simple Insert supply mechanism offers insert automation with economical cost.

- Power : AC 220V 50/60Hz
- Maximum Electric Consumption, Single Phase 220 Volts 1.5A
- Normal Pneumatic Pressure : 6kgf/cm²
- Maximum Pneumatic Pressure : 8kgf/cm²
- Air Consumption : 5 l (nomal)/cycle
- Operation : Air Cylinder
- Control : PLC sequence control
- Cycle time : 4.5sec

Patent Pending
20-2006-0002692



Mobile Phone Insert(Nut) Supply and De-Gating machine

Feature

Insert supplied with Tube Shooting Method (Patent Pending) Automated De-gating system realizes unattended automation. (with Stacking Machine)

- Power : AC 220V 50/60Hz
- Maximum Electric Consumption, Single Phase 220 Volts 3A
- Normal Pneumatic Pressure : 6kgf /cm²
- Maximum Pneumatic Pressure : 8kgf /cm²
- Air Consumption : 12 ℓ (normal) /cycle
- Operation : Air Cylinder
- Control : PLC sequence control
- Cycle time : 4.5sec

Patent Pending
10-2005-0002692

Patent Pending
20-0404955-
20-0400456



Scrar Robot Insert Automation System

Features

High Precision and Better Reliability Insert Automation System
Installed over 100 units world wide.
Possible to adapt all insert molding automation.

- Power : AC 220V 50/60Hz
- Maximum Electric Consumption, Single Phase 220 Volts 3A
- Normal Pneumatic Pressure : 6kgf/cm²
- Maximum Pneumatic Pressure : 8kgf/cm²
- Air Consumption : 6 ℓ (normal)/cycle
- Operation : Air Cylinder
- Control : PLC sequence control
- Supply time for 1 insert : 1 sec



Automatic Mold Release Machine

Feature

- Power
DC 24Volt, AC 110, AC 220.
- Model
10~30 Tons : RB-SE-2
30~350 Tons : RB-WE-4
350~850 Tons : RB-WE-6
- RB-SE-2 TYPE
Dual 16 Oz can with 2 Nozzle
- RB-WE-4 TYPE
Dual 16 Oz can with 4 Nozzle
- RB-WE-6 TYPE
Dual 16 Oz can with 6 Nozzle



Insert Turnkey Automation Systems



HYROBOTICS

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