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SHOW GUIDE

NPE2024
The Plastics Show

May.06-May.10

Booth

W1321+W1521

SG-2024-NPE-en
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Advanced Servo Hydraulic Intelligent Molding System



FA SERIES Advanced Servo Hydraulic IMM

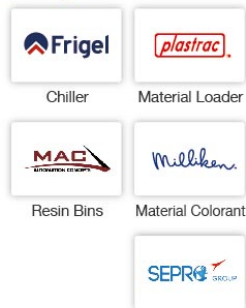
Feature

- The injection speed is increased by more than 20%; the linear guide and forward pull design are adopted for injection carriage to improve the synchronism and stability.
- Strength of the platen design reinforced by 30%, and the closing-opening smoothness control optimized makes molding stable and machine lifetime extended.

Specification

Machine Model	FA-160
Clamping Force	160 tonf
Injection Type	600
Screw Diameter	Ø 45 mm
Injection Speed	100 mm/s
Tie Bar Spacing (HxV)	470x470 mm

Project Partners



Product

Part	Mammoth Puzzle
Size	300x175 mm
Weight	95 g/pcs
Cavities	1
Material	PP
Cycle Time	25 sec

2K Packaging Molding System



FB-R SERIES Rotary Table Two-Component IMM

Feature

- Rotary table controlled by servo motor could shorten rotary time by more than 50%, with more stable rotary speed switch.
- With accurate rotary positioning clamber, it protects the mold.
- With the product insertion function, three-component and four-component products can also be molded to expand the scope of use.

Specification

Machine Model	FB-280R
Clamping Force	280 tonf
Screw Diameter	Ø 45/32 mm
Rotary Table Diameter	1050 mm
Tie Bar Spacing (HxV)	730x400 mm

Project Partners



Product

Part	Airtight Container
Box Size	152.8x152.8x56 mm
Cover Size	197.6x197.6x11.2 mm
Box Weight	42 g
Cover Weight	51 g
Volume	680 ml
Thickness	1 mm
Cavities	1 + 1
Material	PP+TPE
Cycle Time	30 sec



iMF4.0 Intelligent ManuFactory

System Introduction

- Smart Machine** Applying additional sensors to monitor and meet the slight fluctuations caused by the environment, material, or machine abrasion, and to improve the adaptive control of injection molding machines.
- Smart Auxiliary** The IMM and auxiliaries could operate, communicate with each other through the standard communication protocol, to be adjusted and controlled.
- Smart Management** Using intelligent managing system to collect the key data of viscosity variation of melt.
- Smart Manufacturing** Distinguish good or bad, Improve rate of production, Improve Effectiveness.

