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**Orange County Convention Center
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Booth No.W303

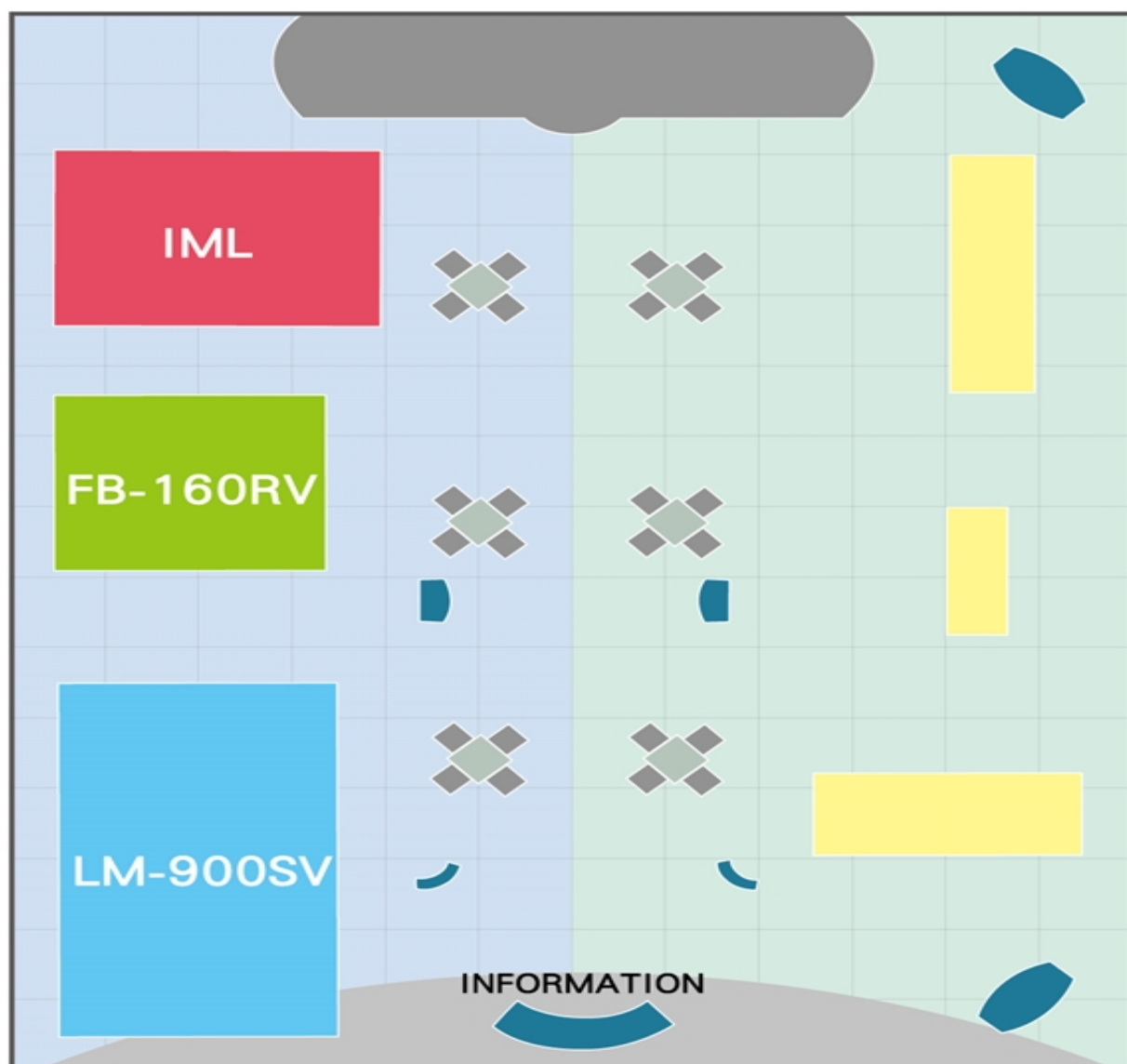


**NPE2015: THE INTERNATIONAL
PLASTICS SHOWCASE**

March 23-27, 2015 | Orlando, Florida USA

www.npe.org

BOOTH LAYOUT



DATE : 3/23~3/27

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**NPE2015: THE INTERNATIONAL
PLASTICS SHOWCASE**

In Mold Labeling Turnkey Solution



High Speed / Closed Loop Hybrid Injection Molding Machine

- Adopting (ESD) electric screw drive structure, it offers the accuracy and energy-saving features.
- Applied Germany MOOG closed-loop high-respond servo valve and accumulator.
- With hybrid-structure, it could ideally save 70%~80% energy.

Specification

Machine Model	AF-200
Clamping Force	200 ton
Screw Diameter	1.73 inch (44 mm)
Injection Speed	19.68 inch/sec (500 mm/sec)
Distance Between Tie Bars	20 x 20 inch (510 x 510 mm)

Product

Part	Yogurt box
Volume	200 cc
Thickness	0.017 inch (0.45 mm)
Cavities	2
Material	PP
Cycle Time	4.5 sec

Label Inserting System & Label

Capability	1800 pcs/hr/cav	Label thickness	60μ
Label Q'ty supply	2+2 pcs/time	Label design	Wrap-around oval with bottom label
Total Label Q'ty	2600 pcs/cassette		

Project Partners

 MO CHYI	Mold supplier	 Bourouge	Plastic Material
 WIETEC	Robot System	 SHINI	Material Feeding
 DVI	Label	 YUTING	Chiller

Precise Energy-saving Multi-component Molding system



Servo Power-Saving Two Component Injection Molding Machine

- Rotary table controlled by servo valve could shorten rotary time by more than 50%, with more stable rotary speed switch and more precise positioning.
- Adopting high efficiency double servo power system which is certified the first grade of power saving standard ($\leq 0.40\text{kw h/kg}$).
- With accurate confirmation of the rotating position, it protect the mold itself.

Specification

Machine Model	FB-160RV
Clamping Force	160 ton
Screw Diameter	1.18 inch x 2 (30 mm x 2)
Distance Between Tie Bars	28.7 x 15.7 inch (730 x 400 mm)
Rotary Table Diameter	31.89 inch (810 mm)

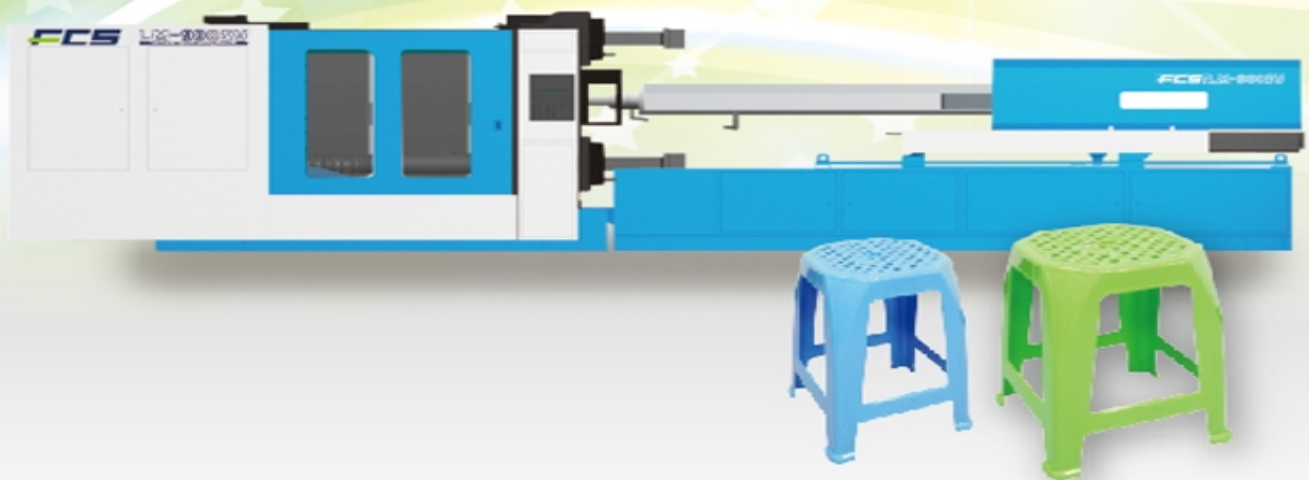
Product

Part	Brush
Size	3.8 x 1.96 x 1.46 inch (95.5 x 50 x 37 mm)
Weight	47g / pcs
Cavities	1+1
Material	PP+PP
Cycle Time	35 sec

Project Partners

	Mold supplier		Material Feeding
	Robot System		Chiller
	Conveyer Belt		Master Batch
	Plastic Material		

Two-platen Hydra-Mech Molding System



Two Platen Injection Molding Machine

- Two-platen structure has shorter clamping unit which saves the factory space more than 30%, and mold-adjusting only takes 5~10 seconds.
- Rexroth solenoid valve control provides high accuracy of clamping force, the error achieves under $\pm 1\%$.
- Clamping unit without toggle structure which reduces lubrication and maintenance cost.

Specification

Machine Model	LM-900SV
Clamping Force	900 ton
Screw Diameter	3.93 inch (100 mm)
Daylight	74.8 inch (1900 mm)
Distance Between Tie Bars	44.1 x 39.77 inch (1120 x 1010 mm)

Product

Part	Stool
Size	13.46 x 13.46 x 17.36 inch (342 x 342 x 441 mm)
Weight	620 g
Material	PP
Cycle Time	35 sec

Project Partners

	Mold supplier		Material Feeding
	Robot System		Chiller
	Conveyer Belt		Master Batch
	Plastic Material		



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