

SHOW GUIDE

- >> *Fast response*
- >> *Customer oriented*
- >> *Service differentiation*

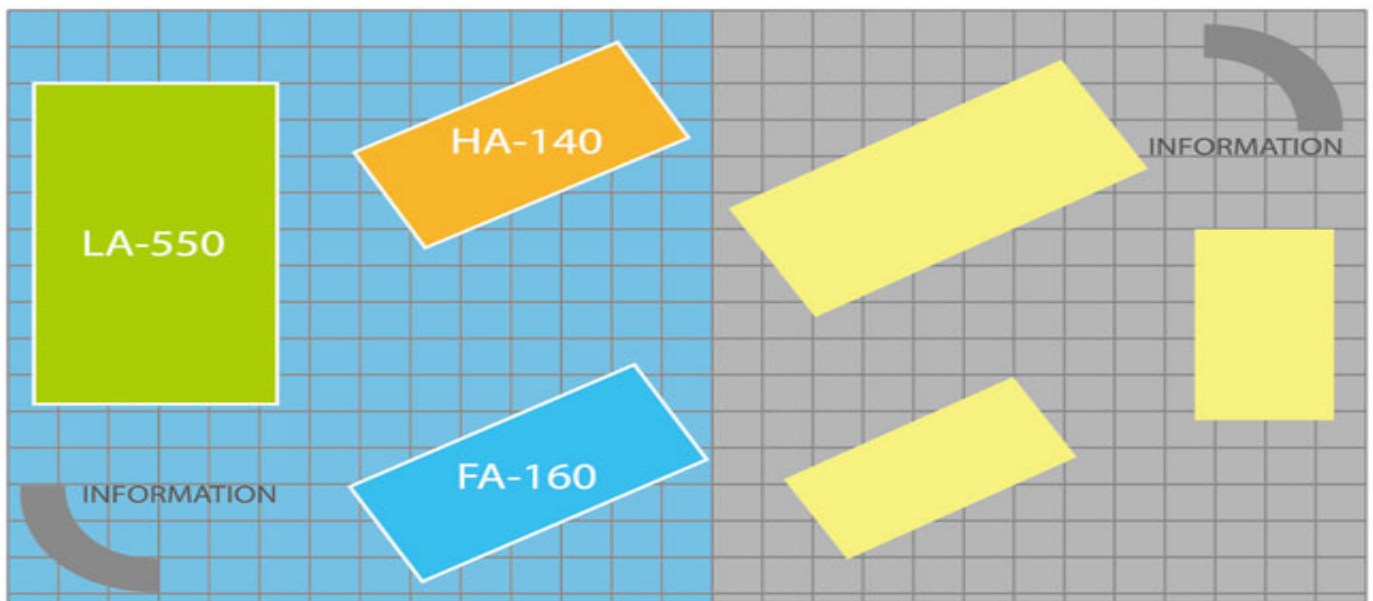
**Orange County Convention Center
Orlando, Florida USA**

Booth No. W911



NPE2018: THE PLASTICS SHOW
May 7-11, 2018
Orlando, Florida USA
NPE.org

BOOTH LAYOUT



Booth No. W911



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New Generation Molding System



Standard Power-Saving Molding Machine

- Including increases in tie-bars distance, injection velocity, higher system pressure to match high injection volume requirements.
- Strength of the platen design reinforced by 30%, more uniform clamping force distribution, lower machine platen deformation, and smoother mold closing-opening operation control.
- Machine operates accurately with injection closed-loop operation control without installing additionally sensors and equipment.

Specification

Machine Model	FA-160
Clamping Force	176 U.S.ton (160 ton)
Screw Diameter	1.97 inch (50 mm)
Injection Speed	4.72 in/sec
Distance Between Tie Bars	18.5 x 18.5 inch (470 x 470 mm)

Product

Part	Multi-Utensil
Size	7.2 x 1.5 inch (183 x 38 mm)
Weight	14 g
Cavities	2
Material	HIPS Food Grade
Cycle Time	25 sec

Project Partners

	Robot System		Material Feeding
	Conveyer Belt		Chiller
	Master Batch		Temperature Controller

Hi-Tech Intelligent Molding System



Standard Power-Saving Molding Machine

- Power consumption could be 40% less than that of variable displacement pump and 70% less than that of fixed displacement pump, save the cost effectively.
- Repeating precision is less than 0.5%, and weight error of the products is 0.4%~0.7%.
- Servo gearshift dynamical control system has equipped with pressure feedback device with high precision and sensitivity. Shorten the cycle time and improve production efficiency.

Specification

Machine Model	HA-140
Clamping Force	138 U.S.ton (125 ton)
Screw Diameter	1.73 inch (44 mm)
Injection Speed	6.23 in/sec
Distance Between Tie Bars	15.94 x 15.94 inch (405 x 405 mm)

Product

Part	Puzzle
Size	11.81 x 6.89 inch (300 x 175 mm)
Weight	95 g
Cavities	1
Material	PP
Cycle Time	25 sec

Project Partners

	ob7 Robot System		Master Batch
			Material Feeding
	Robot System		Chiller
	Conveyer Belt		Auto Bagger

Two-Platen 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 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	LA-550
Clamping Force	550 U.S.ton (500 ton)
Screw Diameter	3.74 inch (95 mm)
Daylight	64.69 inch (1650 mm)
Distance Between Tie Bars	35.82 x 31.88 inch (910 x 810 mm)

Product

Part	Cutlery Tray
Size	12.95 x 10.16 x 1.69 inch (329 x 258 x 43mm)
Weight	148 g
Cavities	1
Material	PP
Cycle Time	18 sec

Project Partners

WETEC

Robot System

YS
Yuang Shen

Master Batch

MAGUIRE
Intelligent Simplicity

Material Feeding

SMS
SMITH MACHINERY SALES
SMITH MACHINERY

Conveyer Belt

AEC
AEC

Chiller

Temperature Controller



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