

For immediate release



## All-electric Zhafir Venus II Series makes U.S. debut at Plastec West 2014

### New Venus II Series now available up to 618 U.S. tons

Anaheim, California, (February 11, 2014) – For the first time in the U.S., the new generation Zhafir Venus II Series will be on display in **booth #3961** at Plastec West 2014. The Venus II has been greatly optimized, and new model sizes are now available up to 618 U.S. tons.

Also now available in the U.S. is the **Zhafir Venus II/p**, the second generation high-speed all-electric molding machine especially designed for the manufacture of thinner wall packaging applications and multiple cavity high precision parts. Available in clamp forces from 150 to 381 U.S. tons and with injection rates of up to 350 mm/s, The Zhafir Venus II/p is a very economical and energy-saving solution for high-speed components.

Improvements in the second generation Venus II include:

- **Increased tie-bar spacing** on models upwards of 2,300 kN.
- New motors developed by Haitian-owned **Haitian Drive Systems** offering high acceleration rates, significant energy savings and rapid reaction times. The result is an increase in injection speed to 200 mm/second for injection units up to 430 and to 160 mm/second for larger injection units up to 350.
- The new injection unit is **pivoting**, facilitating easy access to the screw and tip assembly for maintenance and cleaning.
- The **generously redesigned base** of the Venus II better accommodates the use of conveyers for part removal.

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The VE II 900-210 (101 tons of clamp force) Zhafir Venus II with a shot size of 3.21 oz. on display at Plastec West is equipped with standard features including software for up to 3 Core Pull Devices, SPI robot interface, bi-metallic barrel and 460V input power eliminating the need for 230V to 460V step down transformers. Options frequently ordered on the VE II series machines include configurable I/O's for interfacing with associated devices to tie in to an automated manufacturing cell and External device transfer signals (RJG, Kistler) for scientific molding applications.

Given the co-location of Plastec West with the MD&M West show, the machine is molding a non-reopening medical tubing clamp with a mold provided by VitalMed Inc. of Pocasset, MA. The pneumatic sprue picker is courtesy of sister company Absolute Robot. The high-density polypropylene is from Washington Penn Plastics. The Autoload Jr. is courtesy of Una-Dyn.

### **New plant coming online to meet production demand**

In Chunxiao, near Ningbo in China, Haitian International is nearing completion of a new 1,291,670 sq. ft. (120,000 m<sup>2</sup>) plant for the production of all-electric injection molding machines. Capacity at this new plant is for about 10,000 machines per year. The new plant is viewed as a logical consequence of the growth in demand for all-electric molding machines and the company has opted for capacity expansion in a timely manner.

Absolute HAITIAN, based in Worcester, Massachusetts, is the exclusive sales and service partner in the U.S. and Canada for Ningbo Haitian Machinery Co., Ltd. based in Ningbo, China. Ningbo Haitian Machinery Co., Ltd. is the world's largest supplier of plastics injection molding machinery, shipping in excess of 22,000 machines in 2012. Haitian products are sold in more than 130 countries with machine sizes ranging from 40 – 6000 metric tons of clamp force. More information is available by visiting the Absolute HAITIAN website at [www.absoluteshaitian.com](http://www.absoluteshaitian.com)

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**Zhafir Venus II – VE II 900**

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