



For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: image of You Ji CY-550-H

**New from You Ji at IMTS 2014 – High Production VTC
With Integrated Pallet Changer**

Absolute Machine Tools Booth S-8536

[Lorain, OH – June 13, 2014] The You Ji CY-550-H VTC (vertical turning center) with an integrated automatic pallet changer will be showcased in Absolute Machine Tools IMTS 2014 booth S-8536, September 8 – 13 in Chicago. This high production, heavy-duty machine with reliable spindle uptime is ideal for automotive production environments. The rigid vertical column and base are Meehanite castings, heavily ribbed for reduced thermal distortion and vibration dampening. It is designed for rugged to fine finish turning of medium to large components. The machine's maximum turning diameter capacity is 27.5".

The 30 HP, 2500 RPM spindle motor will sport a 2-speed ZF gearbox at IMTS to provide the high torque necessary for machining larger diameters. NN type spindle bearings are used to endure high centrifugal loads and big spindle loads. The CY-550-H model at IMTS has dual 15" hydraulic chucks. A live tool turret is available as an option. The integrated APC (automatic pallet changer) is the rotary spindle carrier type and indexes in less than 50 seconds, which according to the company is comparatively fast. Likewise the 10 station drum turret has a 0.5 second index time and takes the shortest route to the correct tool selection.

This VTC's linear guideways are completely enclosed and a forced lubrication system assures high precision. The way system enables rapid traverse rates of 787 inches per minute to be achieved. The chip control system has also been smartly designed. Chips and coolant wash directly into the chip conveyor and a standard chip wash system forces any chips from the machining area into the conveyor.

For more information, visit IMTS 2014 booth S-8536 or contact Absolute Machine Tools at www.absolutemachine.com.

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