

For Immediate Release

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With Art: Image of Yougar EDM drill

**Absolute Machine Tools, Exclusive U.S. Importer of Yougar EDM Products,
Introduces Yougar YGS Moving Head Series CNC EDM Drilling Machines**

[LORAIN, OH – SEPTEMBER 2017] Absolute Machine Tools, Inc., now the exclusive U.S. importer and distributor of EDM machines and supplies from Yougar M&T, Inc., has introduced the Yougar YGS CNC Moving Head series and YGS ZNC Manual series of [EDM drilling machines](#).

The design of the YGS CNC Moving Head series ensures smooth motion and stability superior to that of fixed-head, moving-table style EDM drills. An automatic guide changer (AGC) enables easy automatic drilling of holes of different depths and long unattended operations. The machines offer up to 8 fully programmable axes, facilitating processing of complex manufacturing applications. Rotating brass or copper tubular electrodes from 0.1 mm – 3.0 mm (0.004" - 0.118") diameter perform drilling, while a high pressure pump provides adjustable through-spindle flushing from 0 - 750 psi to maximize performance with any electrode size.

A 17" touchscreen PC display enables operators to manually enter drilling positions or easily import them from a DXF file or wire EDM program file stored on an external source. USB or TCP/IP data transfer interfaces are standard. The built-in supply module for the dielectric system saves space and simplifies maintenance. Dielectric fluid is filtered from 3µm to 20µm via a standard replaceable paper filter cartridge. An ION quality sensor and mixed bed ION exchange resin monitors clean water to maintain proper conductivity. Maximum workpiece weight is up to 1,100 pounds. The machines support diverse rotary table manufacturers, tilting head ($\pm 45^\circ$), and multi-lingual operations.

The YGS ZNC series is comprised of economical high-speed EDM drilling machines that perform simple "start hole" drilling quickly and efficiently with electrodes in diameters ranging from 0.1 mm – 3.0 mm (0.004" – 0.118"). Featuring a 10µm extended life filter, resistivity sensor, and ION exchange resin, the YGS ZNC series provides smooth reliable machining over long periods of time.

Headquartered in South Korea, Yougar was established in 1999 to supply [EDM consumables](#) for major brands of EDM equipment. The company manufactured its first EDM small-hole drilling machine in 2008, and in 2015 began to distribute a moving-head EDM drill for large and heavy parts primarily for the aerospace industry.

[Yougar](#) today builds EDM drills of up to 8 axis capability in both submerged and flushing type designs, with drilling ranges from 0.1 mm – 6 mm (0.004” – 0.24”) in both oil and water. Yougar’s EDM drilling machines are sold in Europe, Mexico and Malaysia by Mitsubishi EDM, in Sweden by Fanuc EDM, and distributed exclusively in the United States by Absolute Machine Tools.

Steve Ortner, president and owner of Absolute Machine Tools, said, “Yougar has built a global reputation for providing reliable, precise EDM holmaking equipment. We are very pleased to add Yougar’s advanced EDM holmaking products and expertise to our EDM lineup to further solidify Absolute Machine Tools as a true solution’s provider for manufacturers here in North America.”

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About Absolute Machine Tools, Inc.

Absolute Machine Tools, Inc. sells and supports Johnford Sliding Double Column Machining Centers; You Ji Vertical Turret Lathes; Tongtai Horizontal Machining Centers; Quicktech Multi-Axis Multi-Spindle [Mill/Turn Centers](#); Lico Multi-Slide CNC Screw Machines and Twin Spindle Multi-Side Mill/Turn Centers; Nexturn Swiss-type Lathes; AccuteX Wire EDM and Die Sinker Machines; Yougar EDM Drills; APEC 5-axis Gantry-style Linear Motor Machining Centers; and Precihole Gundrilling Machines. The company has worked with several of its principal machine tool partners for over 25 years to offer some of the most heavy-duty, accurate, and productive machines in the industry. The company has built its reputation on exemplary applications engineering, service, customer support, comprehensive training, and effective preventive-maintenance programs. In addition to its headquarters in Lorain, Ohio, the company has established direct full-service technical centers in Mason, Ohio, Elgin, Illinois, and Livonia, Michigan. For more information, contact Absolute Machine Tools, Inc. at 800-852-7825 or www.absolutemachine.com.