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Euro-Tech Corporation to Spotlight New Expansion Arbors and Chucks Suitable for Windpower Applications at IMTS

Menomonee Falls, WI . . . Euro-Tech Corporation will spotlight huge expansion arbors and chucks suitable for even the largest wind power applications at IMTS – The International Manufacturing Technology Show 2010 being held at Chicago’s McCormick Place September 13-18. Euro-Tech Corporation is in Booth #W-2453 which is located in the Tooling & Workholding Systems Pavilion in the West Building

The Mytec-Hydraclamp expansion arbors and chucks feature unusually high clamping forces achieved through high internal pressures. Extremely high torques values are possible due to the absolute friction grip and centered tension. This torque rating can be up to three times greater with special hard coating at the clamping sleeve. Hydra expansion elements from Mytec-Hydraclamp can be expanded without a workpiece because the expansion elements are permanently adjusted within the maximum expansion of 0.3%. Over-expansion is not possible due to an integrated stroke limiter.

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A closed expansion system, which is absolutely impervious to dirt and chips, combined with high wear resistance, guarantees a long service life. If space permits, Hydra expansion elements from Mytec-Hydraclamp are generally equipped with an adjustment piston. This makes it possible to set expansion for fine clamping, particularly in the case of thin-walled workpieces and deformation is avoided.

Tools have a hardness of 56 HRC with a center hardness of 64 HRC. An optional highly wear-resistant coating may be applied which will result in a surface hardness of 80 HRC. Mytec Hydraclamp guarantees a minimum of 50,000 expansion cycles for its expansion tools and 12 months of function.

Euro-Tech Corporation

Since 1993, Euro-Tech Corporation has represented unique European-made gages, tooling products such as arbors, chucks, drills, taps, measurement systems and accessories. Euro-Tech also offers the state-of-the-art PG 1000 Cutting Tool Inspection System and the Pinhead Flexible Fixturing Systems for CMMs. Both are manufactured in the U.S. .

Euro-Tech products are used to make manufacturers in the automotive, aerospace, small engine, medical and wind power industries more productive. The company is headquartered in Menomonee Falls, WI where a highly skilled team is committed to the continuous development of state-of-the-art solutions.



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