



ENGEL Unveils The Viper

York, Pa. – July 8, 2010 – ENGEL North America, a world leader in the design and manufacture of injection molding machines and parts-handling automation has introduced a compact, machine-mounted, parts-removal servo robot that is a lightweight, lightning-fast, heavy-lifter.

Optimized acceleration capabilities, maximized operational stability, and customized operator convenience are features of the viper—a powerful, next-generation series of servo robots from ENGEL.

An innovative use of laser-welded steel sections in the viper's compact construction reduces its machine-mounted weight, while also providing operational stability, even when handling relatively heavy parts at high-speed cycles.

And, equipped with an intuitive, easy-to-use control system, the viper is as smart as it is swift, strong, and stable. Improved productivity and uptime when operating at high-speed cycles is ensured by the following three, key software features:

- **Mass Identification** identifies the manipulated mass and adapts the viper's dynamic operational values to match the manipulated mass, thereby ensuring optimum acceleration;
- **Vibration Control** reduces structural borne vibration even for longer axis dimensions;
- **Efficiency Control** optimizes the viper's movements to maximize productivity, while minimizing energy consumption.



The impressive results; ultra-fast cycle times and maximum productivity accompanied by low energy consumption. Whether it is fully integrated into a production line, or used as an efficient stand-alone solution, the ENGEL viper can provide a profitable price/performance ratio to improve competitiveness.

Available in several models with load-bearing capacities ranging from 55-to-120 lb, and for machines from 120-to-1650 tons the ENGEL viper robot series is a vital step in reinforcing ENGEL's full-system competency.

For more information, e-mail sales@engelglobal.com, or visit www.engelglobal.com/na.

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ENGEL North America

From facilities in the United States, Canada and Mexico, ENGEL North America provides its customers a single source for design and manufacture of injection molding machines for thermoplastics and elastomers, a full range of plastics processing technology modules and a full scope of automation solutions. With eight production plants in Europe, North America and Asia (China, Korea), subsidiaries in 17 countries and representatives in over 70 countries, ENGEL North America provides its customers the global support they need to compete and succeed with new technologies and leading-edge production systems. For more information, visit www.engelglobal.com/na.



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Press release

