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Hover-Davis presents Premier DDf Ultra Direct Die Feeder

ROCHESTER, NY December, 2005 The Semiconductor Feeding Solutions Group of Hover-Davis Inc., the leader in design and manufacturing of component delivery systems for the circuit board assembly industry, presents the latest addition of its Direct Die Feeding product line, the DDf Ultra. The DDf Ultra is capable of feeding a wide range of bare die and flip chips with high throughput, and can be mounted on almost every placement machine.

As a complement to the DDf, which has been an industry leading die feeding solution for the past four years, the performance of DDf Ultra is optimized around the handling of small flip chips. Upon release, the DDf Ultra is capable of feeding die down to 0.5 mm sq. with a throughput exceeding 6,000 die/hour with smaller die sizes and higher throughputs planned.

Roland Heitmann, Director of the Semiconductor Feeding Solutions Group, said, "We have seen a rapid expansion in the number of applications requiring volume assembly of die below 1 mm sq., driven by RFID and LED technologies. These potential customers require very low assembly costs and have very high volumes. By combining our DDf Ultra with a state-of-the-art SMT chip shooter, we can create a "die shooter" or "flip chip shooter," which is essentially new class of die assembly solution. We believe these solutions have the capability of offering our customers unprecedented reductions in assembly cost, which in turn will aid in the proliferation of new products and technologies."



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About Hover-Davis

Hover-Davis is recognized as a leader in the design and manufacture of component delivery systems for the electronics assembly industry. The company provides feeding solutions for Fuji, Panasonic, Universal Instruments, Siemens, Assembleon, Samsung, Mydata, Juki, Yamaha, Alphasem, and numerous custom automation manufacturers. Products include electronic multi-pitch tape feeders, label feeders, print-on-demand label feeders and bare die feeders. In order to provide world-class solutions to customers today and tomorrow, Hover-Davis continues to invest heavily in new product development, operations, applications and after-sales support. Located in Rochester, NY, Hover-Davis was founded in 1989, and is now a subsidiary of Dover Corporation. Visit www.hoverdavis.com

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**The Feeder
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