



**For Immediate Release**

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## **MK PUMP COMPANY INTRODUCES NEXT-GENERATION MICRO PUMP TO IMPROVE STRIPPER OIL-WELL PERFORMANCE**

**MK's Rhino MiniJack™ Piston Pump works like a pump jack, but  
is significantly smaller and less than half the cost to operate and purchase**

***Tough, lightweight and economical one-package system  
recovers oil gently and reliably without overpumping the oil formation***

MARCH, 2007 – MK Pump Company has introduced its innovative and economical micro-pump line – the **Rhino MiniJack™ Piston Pump** – aimed at improving the productivity of stripper oil wells in the U.S. and global oil production markets.

“For years, oil producers have faced the difficult problem of how to continue pumping oil from older stripper wells without also pulling up excessive amounts of water, sand and silt. MK’s next-generation solution is called micro-pumping, which helps stripper-well operators pump more oil and less water by gently sipping the oil in the formation without disturbing the column,” the company said. “Our technology is based on the reliable pump jack system, but we have successfully miniaturized and updated the concept to make it easier and more economical to recover shallow oil.

“Not only is the Rhino MiniJack solution proven and efficient, it is also affordable as well. Operating and purchase costs are less than half those of traditional pump jack systems. We leave an incredibly small footprint in the field, and at less than 125 pounds, our patented pumps can be installed, operated and maintained quickly and easily,” the company said. “Of course our all-weather products are compatible with standard oil well heads. We really do give new life to stripper wells.”

**Please visit [www.mkpump.com](http://www.mkpump.com) for more information or call 800.469.4887**



## MK INTRODUCES NEXT-GENERATION MICRO PUMP

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MK's Rhino MiniJack™ is a top-head-drive, positive displacement piston pump, built to perform across a wide range of low-flow micro-pumping environments. The Rhino MiniJack can be fine-tuned to the oil yield of a formation – reducing water intake, gas lock and emulsification.

The Rhino MiniJack electric pump recovers oil reliably at controlled rates of up to 15 bbl/day at 1,500 feet. Pump components, including motor size, traveling valves, rods, connectors and downhole components, can be matched to individual pumping situations. The electric motor can be made explosion proof. A pneumatic motor option is available.

MK Pump also offers the new **MK SmartBox™ Controller**, which allows well operators to program their pumps to optimize specific pumping situations. Instead of on-off, stop-and-go operations, the SmartBox senses downwell conditions and environmental changes, then adjusts pump dynamics to match well outputs. Advanced software varies stroke counts and running speeds, which eliminates the need for the pump to shut down.

The effect of this tightly controlled activity is to boost productivity while reducing the drive's overall speed. Slower speeds mean lower horsepower requirements, resulting in reduced energy costs and less wear on vital pump components.

“With the Rhino MiniJack Piston Pump and the SmartBox Controller, MK Pump is uniquely positioned to help stripper operators and the oil industry recover valuable assets that are still within reach,” the company said. “Micro-pumping is the next step in efficiently maximizing the potential of the oil patch.”

*MK Pump Company manufactures the only patented top-head-drive piston pump system developed to recover oil easily and economically from stripper wells. Along with its predecessor company, MK Pump has more than 15 years of real-world field experience in developing and improving pumping products in oil fields and petrochemical facilities. MK builds its products to ensure rigorous flow specifications while withstanding the harshest outdoor environments and the most difficult downhole pumping conditions.*



## MK PUMP COMPANY EXPANDS OPERATIONS

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Photos:



MK's Rhino MiniJack™ Electric Piston Pump recovering oil from a U.S. stripper well.



MK's Rhino MiniJack™ Pneumatic Piston Pump pumping oil at a U.S. field.

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**MK INTRODUCES NEXT-GENERATION MICRO PUMP**

Product Photos:

**Rhino MiniJack  
Electric Motor  
and Actuator**



**Rhino MiniJack  
Pneumatic  
Motor**



**Customizable  
Rhino MiniJack  
Downhole Pump**

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High strength, low friction traveling valve and stainless steel pump barrel with standing valve, plus stainless steel check ball and seat, for long pumping life

