

demolition & recycling international

d & r i

A KHL Group publication
Volume 8 ■ Number 6
■ November-December 2006

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Skid steers

PREVIEW:
**World of
Concrete**

DEMOLITION

attachments

The MTR160S is mounted on a modified Komatsu PC1000



Allied Gator adds MTR 160S

Allied Gator's latest product, the MTR 160S multitool, is due to start work at US Steel's Great Lakes steelworks near Detroit.

D&Ri reports

The first production model of Allied Gator's new MTR 160S multitool is shortly to begin work at US Steel's Great Lakes Works integrated plant near Detroit, Michigan. Allied Erecting and Dismantling will be using the tool on a modified PC1000 to remove outdated and unused steel processing facilities at a number of specific locations in the plant, which currently has an annual capacity of 3.5 million tons. The work is being carried out as part of US Steel's environmental improvement programme.

The new tool, with a unique patent-pending tip design on its shear blades, weighs in at

The MTR160S is Allied Gator's latest multitool and features a number of patented systems to maximise efficiency

44,000 lb (20,000 kg) and is designed for use on 70-105 ton carriers. Allied Gator president John Ramun told *D&Ri*: "The tip not only has replaceable inserts attached to a holder, but the holder itself can be changed. So, unlike other products out there, our arrangement allows the tip to be changed in the field, minimising downtime. A single bolt, allowing rapid changes in the field, secures the inserts themselves. We are still working on various features of the tip design to provide even better performance." When fitted with shear jaw, jaw opening and throat depth is 42 inches (1,066 mm) and throat depth. When fitted with cracker/crusher jaws, jaw opening is 73 inches (1,854 mm) with a throat depth of 50.5 inches (1,282 mm).

Key to the design is the configuration of the hydraulic cylinders that actuate the jaws, allied with the use of Allied Gator's Power-Link and Guide System. This provides a unique and continual power gain to the dual-moving jaws throughout the jaw-closing phase to provide high power with total controllability.

The fully rotatable MTR 160 provides a jaw force of 2,100 tons, with a cycle time of 6 seconds to close and 5 seconds to open at a hydraulic flow rate of 225 gal/min (1,022 l/min) to provide maximum productivity and efficiency. Jaw set changes are easy, says Allied Gator, using its Quick-Change designs. These special jaw sets can be changed quickly by the operator working alone, and never require hub adjustments.

The MTR 160 has been developed to process heavy structural steel and scrap metal using its shear jaws, and heavily reinforced concrete and heavy cast materials with its crusher/cracker jaws.

