



EQUIPMENT SPOTLIGHT

Michelin XMCL Radial Tires

A new solution to the ongoing challenge of improving equipment productivity is on the horizon for the light construction industry. Fleet owners will value the new Michelin XMCL radial for its greater durability and the increased uptime the tire can deliver to their operations.

Specifically designed for compact equipment — including backhoes and compact loaders used on construction jobs and telescopic handlers for industrial, warehouse and agricultural applications — the XMCL tire delivers two fundamental advantages. First, it lasts up to 46 percent longer than the tire it is replacing, the Michelin XM27 radial. Second, because of extensive research and innovation by Michelin, the



new XMCL tire offers a steel crown belt package and reinforced sidewalls that are up to 10 percent more resistant to punctures.

Beyond the advantages of radial construction, the key design features that contribute to the exceptional performance characteristics of the new XMCL radial are a steel crown belt package and a specially designed, reinforced sidewall architecture. Two steel belts beneath the tread make the crown of the tire exceptionally puncture-resistant. The sidewalls of the XMCL radial also are more resistant to damage thanks to side protective ribs and a squared shoulder construction.

In addition to delivering impressive wear and service life, the enhanced crown and sidewalls also contribute to the XMCL tire's impressive load-carrying capacity. Previously, the industry-leading XM27 tire had load capacities of about 9,240 lbs at 6 mph and 6,400 lbs at 24 mph. The XMCL radial offers load capacities of more than 14,000 lbs at 6 mph and 9,900 lbs at 24 mph — increases of 51 percent and 55 percent respectively.

Michelin planned to launch the XMCL radial for all original equipment dimensions on the global market in January 2007. In addition, the new tire will be available as a standard option on all new 2007 CAT backhoes.

Online : www.michelin-us.com

Vermeer D330x500 HDD

Vermeer Mfg. Co. introduces the all-new D330x500 Navigator horizontal directional drill, combining a powerful large rig with efficient design, mobility and ease of transport to serve a growing large-diameter drilling market.

A Tier 3 Caterpillar 540-hp (403kW) diesel engine powers the D330x500 — a boost of 15-hp over the unit's predecessor, the D300x500. Combined with a hydrostatic hydraulic system that produces 50,000 ft-lbs of rotational torque, the D330x500 is ideal for drilling in difficult ground formations and turning large backreamers. The unit also delivers an impressive 330,000 lbs of thrust/pull-back force for long-distance drilling projects — an increase of 30,000 lbs over its predecessor.

The operator's station has also been redesigned and reconfigured. The machine allows a single operator to run everything from the roomy and climate-controlled operator's station. All functions, including transport, drilling controls, crane, and drilling fluid controls, are operated from the cab.

A 360-degree view helps improve operator efficiency and maximizes comfort, while providing room for a second crew member to consult in the drilling operation. An all-new DP 600 LCD drill monitoring system helps the operator check all drill functions and serves as a diagnostic service tool to help with troubleshooting. In the event of a



drill malfunction, the display automatically informs the operator with a warning fault light and helps speed service diagnostics in the field.

The size of the D330x500 offers increased flexibility and ease of transport any time of day because it is within legal dimensions in transport mode. The D330x500 rack will accept standard oil field drill stem up to 32 ft in length and diameters between 4.5 and 6 in.

Online: www.vermeer.com