

Perkins Powers Innovative Canadian Telehandler

What do you get when you cross a no-nonsense, heavy-duty, rough-terrain telescopic handler with an advanced computerized, GPS-enabled monitoring and control system?

The answer is a vehicle smart enough to know its own limitations.

And that's exactly what the Ontario-based Omega Lift has brought to the North American equipment market with its new line of Omega Arm 8T45EH telescopic handlers.

"We call it 'System

Smart' technology," said Greg Pannia, Operations Manager at Omega, located in Bolton, "and it represents the next generation of telescopic-handler design.

"With its onboard computer and GPS link, the 8T45EH provides automatic frame and fork leveling, load and boom extension limiting, load weighing, shift limiting, a vertical wall mode, built-in diagnostics and a full set of safety parameters – all in a package that's rugged enough for the

toughest telescopic handling applications."

And what engines did Omega select to power its high-tech System Smart creation?

Perkins, either the normally-aspirated 1004.42 model or the turbo-charged 1004.40T version.

"Omega has been a Perkins customer since its formation in 1986. Our Ontario Master Distributor, Diesel Distribution, Inc., has been working closely with them as they have organically grown to become a high-technology forklift supplier," said Carrie Grimwade, Perkins Engines' Regional Sales Manager.

"They have depended on Perkins to power their lines of telescopic handlers and rough-terrain forklifts that built their reputation as one of North America's most innovative equipment suppliers over the past 15 years. It's only natural that they continue the Perkins tradition with the 8T45EH, their most advanced machine ever."

Omega builds rough-terrain vertical-mast forklifts and telescopic handlers in a full-range of sizes and capacities.

The Omega Lift verti-



With its latest introduction, the Bolton, Ontario-based Omega Lift combines a no-nonsense, heavy-duty telescopic handler with an advanced computerized GPS-enabled monitoring and control system.

cal-mast forklifts are available in capacities up to 20,000 lbs (9,072 kg), with lifts up to 36' (11.0 m). Omega Arm telescopic handlers are offered for loads up to 12,000 lbs (5,443 kg), and lifts up to 45' (13.7 m).

Both series of machines are designed for all-terrain usage under the harshest of conditions, and all are Perkins powered.

"With 'System Smart' we have added an entirely new dimension of performance to our newest model of rough-terrain vehicles," Pannia said.

"Not only can they go virtually anywhere, but

they now adjust their capacities automatically to the limitations imposed by load and terrain conditions. With no input from the operator, the unit will level itself on rough terrain, and then record the correction and use those parameters to calculate the maximum safe angle, lift height and load for the circumstances.

"It then restricts the motions available to the operator to those within the limits imposed by the situation," he continued. " 'System Smart' also performance real-time diagnostics, shift limiting, and provides an automatic up-the-wall,

horizontal and vertical motion capacity.

"We were among the first to use an electronic transmission on a rough-terrain vehicle, and we have been out in front of the technology ever since. The 8T45EH is the most technologically-advanced machine we have ever offered – but only for the moment."

PERKINS SUPPORT

Omega Lift depends on its Perkins Master Distributor for engines and support services.

"This has been a very good relationship," said

Continued on C17

Telehandler Boasts 'System Smart' Technology

Continued from C16

George Cherry, the Sales and Engineering Manager with Diesel Distribution,

Inc., of nearby Toronto. "Omega Lift is the kind of customer we look for – innovative, quality conscious, and customer-ori-

ented.

"We look forward to supporting their growth throughout Canada and into the United States in

the coming years."

As Omega enters new geographic markets and new application areas, Pannia noted, "the fact that all of our vehicles are Perkins powered is a major selling feature. Our customers recognize Perkins as a quality choice, and that reflects on the rest of the system.

"They also appreciate the ready-to-access spare parts and service anywhere they may be using our equipment, and that can include some very out-of-the-way places.

"Besides," he added, "if you're building one of the most technologically advanced vehicles in the world, what else would you power it with?"

Perkins Engines are marketed in the U.S. and Canada by Perkins Engines, Inc., based in Mossville, Illinois, and by a North America-wide network of over 1,100 distributors and dealers.

Perkins Engines is the world's leading supplier of off-highway diesel and gas engines ranging 5-2,600 hp (3.7-1,940 kW). The manufacturer's key strength is its ability to tailor engines precisely to meet customer' requirements.

More than 300,000

engines are manufactured every year – that's one every minute – to 21,00 different specifications. That's precisely why over 1,000 major international OEMs in the construction, agricultural, power generation, materials handling and defence markets choose Perkins to provide their power.

Whatever the requirement, Perkins has the solution, backed by support from one of the world's largest and most sophisticated networks of 4,000 dealers and distributors in 160 countries. Today, more than 15 million pieces of equipment benefit from Perkins power.