

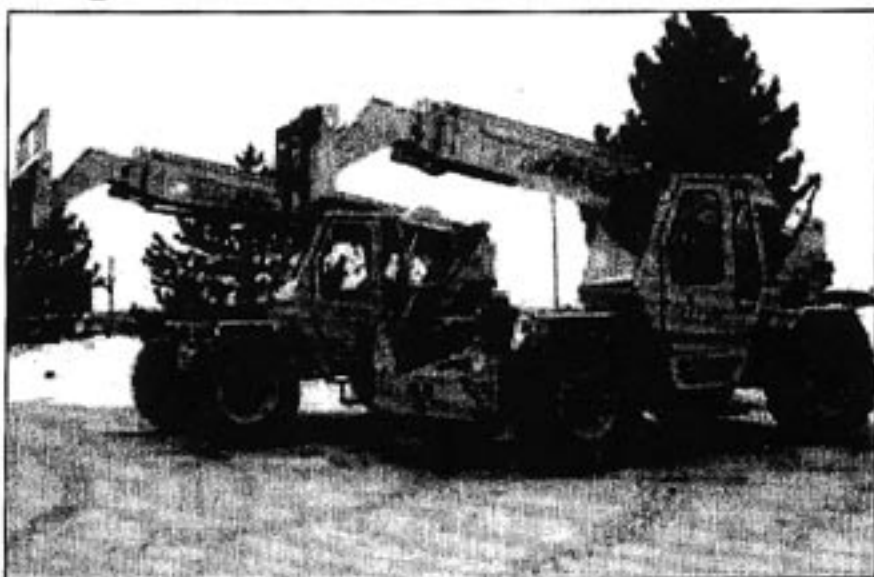
A vehicle smart enough to know its own limitations...

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

The answer is a vehicle smart enough to know its own limitations, and that's exactly what Omega Lift of Bolton, Ontario, Canada has brought to the market with its new line of Omega Arm 8T42EH telescopic handlers.

"We call it 'System Smart' technology," said Greg Pannia, Omega Operations Manager, "and it represents the next generation of telescopic handler design.

"With its onboard computer and GPS link, the 8T42EH 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



High-tech telescopic handlers depend on reliable Perkins power

ugged enough for the toughest telescopic handling applications."

What engines did Omega select to power its high-tech System Smart creation? Perkins, of course. Either the normally aspirated 1004.42 or the turbocharged 1004.40T.

"Omega has been a Perkins customer since its formation in 1996. Our Ontario Master Distributor, Diesel Distribution Inc., has been working closely with them as they have organically grown to become a high technology fork lift supplier," said Perkins Regional Sales Manager Carrie Grimwade.

"They have depended on Perkins to power their lines of telescopic handlers and rough terrain forklifts that have built their reputation as one of North America's most innovative equipment suppliers over the past 15 years. It's only natural that they continued the Perkins tradition with the 8T42EH, their most advanced machine ever," she said.

Omega Lift builds both rough terrain vertical mast forklifts and telescopic handlers in a full-range of sizes and capacities. The Omega Lift vertical mast forklifts are available in capacities up to

(20,000 lbs.) with lifts up to 36 feet. Omega Arm telescopic handlers are offered for loads up to 12,000 lbs. And lifts up to 45 feet. 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 capabilities 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.

"System Smart" also performs real-time diagnostics, shift limiting, and provides an automatic up the wall, horizontal and vertical motion capability," Pannia continued. "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 8T42EH is the most technologically advanced machine we have ever offered — but only for the moment," he said.

Omega Lift depends on Perkins Master Distributor, Diesel Distribution, Inc., of Toronto, Ontario, Canada for engines and support services.

"This has been a very good relationship," said Diesel Distribution Sales and Engineering Manager George Cherry. "Omega Lift is the kind of customer we look for — innovative, quality conscious, and customer-oriented. We look forward to supporting their growth throughout Canada and into the United States in the coming years."

"As we enter 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 recognise 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.