

Height and Rotation -- Magni Telehandlers Wins the Innovative Product Award Silver Award

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The Magni RTH 6.51 is the highest lifting telehandler in the world, with a maximum lifting height of 167 feet. Rotating telehandlers from Magni are game changers on jobsites, helping contractors increase safety, production speed, and profits.

Photo by David Sevin, RER



RER's Sevin, second from right, presents Silver Award to Magni.

[Above: From left Joe Leinwol, chief sales officer, Magni; Gary Weisman, Magni chief operating officer; David Sevin, associate publisher RER; and Filippo Lavelli, Magni CEO, as Sevin presents RER's Silver Award to Magni Telehandlers at its Roselle, N.J., headquarters.]

Key Innovation: The Magni RTH 6.51 is the highest lifting telehandler in the world, with a maximum lifting height of 167 feet. Rotating telehandlers from Magni are game changers on jobsites, helping contractors increase safety, production speed, and profits.

Manufacturer's description: At 167 feet, the Magni RTH 6.51 is the highest lifting telehandler in the world. It offers a maximum lifting capacity of 13,200 pounds. At its maximum lifting height of 167 feet, it can lift 4,400 pounds and has a maximum reach of 113 feet. This machine is designed for building and construction sites that require a boom with extreme lift heights. Because of its ability to rotate continuously 360-degrees, Magni Rotating Telehandlers help contractors increase efficiency and productivity.

In side-by-side tests compared to traditional telehandlers, Magni's Rotators were 100-percent faster in pick-and-place applications. Because of its superior engineering, Magni's have a narrow design and small footprint allowing them to work in tight spaces. The RTH 6.51 comes standard with full-time four-wheel drive and offers dynamic attachments, so the user ends up with several machines in one -- telescopic forklift, rough terrain crane, mobile elevating work platform, and more. Magni's are the safest machines available and utilize a load-limiting technology that prevents the operator from entering an unsafe zone.

Magni's are user-friendly, with machine operations that are very easy to learn. The machine is operated through Magni's Combi-Touch System (MCTS) which utilizes a full color, highly intuitive, newly upgraded 12-inch touch display. The MCTS allows the operator to manage the entire machine through the touch screen. All Magni machines are fitted as standard with attachment recognition chips (RFID), which allow the machine to know which attachment is loaded and allows the machine to select the correct load chart for the attachment. The load charts are dynamically presented on the touch screen, actively updated based on operator actions.

RER commentary: A nine-year-old company with seven years in the U.S., Magni Telescopic Handlers have made an impact on the U.S. market in a short time with the unique height of its rotating telehandlers.

“The main reason we have been accepted is we are able to offer something different,” says Filippo Lavelli, CEO of U.S. operations. “We have been able to show to the market, to the end user and potential dealer what this machine can do compared to the conventional telehandler. So the reaction from the market has been amazingly good. They start appreciating the versatility of the machine, and, with all the attachments, what they can do with one unique machine.”

Lavelli says the ability of the basket to rotate is one of the strengths of the RTH 6.51.

“If you are in a narrow space between two high buildings, for example, you don’t need to move the machine around,” he says. “You can lift everything you need. It’s an incredible savings for the customer. It can replace a crane in a lot of operations. If you can move from one side to another side in the same day without moving the machine, timewise, money-wise, labor-wise, it’s a big savings. A lot of versatility compared to a fixed boom telehandler.”

Magni offers about eight to 10 families of attachments such as winches, hooks, buckets and clamps to enhance the versatility of the unit, with each family having several types.

“With each accessory you can do multiple types of applications,” Lavelli notes. “We have seen people using this machine on many different sorts of jobs. People use it for roofing, for glass applications, in mining and in forestry.”

Another attribute is a wide touch screen that recognizes the attachments being used and offers the user a lot of information. “It gives loading charts and a vision to the driver, including the capabilities of the attachment, the capacities and the limitations. We want the burden of safety to be on us, we don’t want the operator to be liable for any sort of unsafe operation. And if the operator tries to do something unsafe, the machine will stop. The screen is a very important way to communicate to the driver.”