

Modula Launches Modula Onepick, the New Vertical Lift at IMTS 2016

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Aug 19, 2016 -- "Modula OnePick", the vertical lift module featuring the most accurate, precise and safe picking system in the Vertical Lift Module market, will be premiered in North America at Chicago's IMTS 2016 this coming September (booth# E-4328). Modula OnePick is an innovative product that combines the vertical lift module's technology with a sophisticated automated system for the picking and replenishment of a single product at the time, directly from the bay, reducing to zero the error margin and guaranteeing the highest level of safety.

Modula, one of the world's leading manufacturers of automated storage and retrieval systems, will present the latest version of the company's most successful product - the Modula Lift - during the IMTS 2016 in Chicago's McCormick Place from September 12th to 17th (booth# E- 4328). Modula selected North America's largest manufacturing exhibit to introduce Modula OnePick, a highly customizable edition of their original Lift.

Modula OnePick is an innovative product that combines the vertical lift module's technology with a sophisticated automated system for the picking or replenishment of a single product at the time, directly from the bay, reducing to zero the error margin and guaranteeing the highest level of safety. Moreover, the OnePick allows products to be picked and replenished in a fully automated way in combination with delivery and takeaway conveyor, via the introduction of an innovative secure delivery interface window, which guarantees greater accuracy and precision.

At the operators request the OnePick retrieves the selected item and places it in a retrieval location in the secure delivery window. The unit's design ensures that when the door opens automatically, the operator has access to that requested item. With this feature, inventory is always safe and under control making the OnePick the perfect storage solution for valuable items that need flawless and safe picking.

Visitors at the IMTS will have the opportunity to see up close how Modula's newest addition raises the bar in the industry by offering two technologies combined in one unique product. The OnePick's added customization grants users the option of switching operation modes from standard Vertical Lift with access to SKUs from a full tray, to a restricted access single pick device. This offers users the advantages of two systems combined into the same dynamic machine. In addition, the versatile nature of the OnePick makes it stand out as it becomes the only machine in the market that features the flexibility of being integrated into a fully automated line and at the same time serve alongside human operators. Modula's OnePick's production will start at the end of this year in both Modula's factories in Italy and USA.

"We are extremely proud of our latest innovation as it gets us closer to our vision of supporting enterprises in reaching, via affordable systems, their optimization goals without sacrificing safety" explains Miguel Fabra - Modula's CEO. "Our customers are increasingly under pressure to close time gaps, keep employees safe, have products stored in a secure environment and avoid shipping mistakes. This new tool is designed to breach any lapses thus empowering users with a competitive advantage in their warehousing automation" he further adds.



Figure 1 Modula OnePick - Secure delivery interface window and OnePick system integrated with delivery and takeaway conveyor

Back History – The making of the Modula OnePick

Modula's desire to always bring innovative products led the owner and chairman of System Group, Franco Stefani, to personally oversee this project. Working closely with Modula's R&D team, he fast tracked the development of this new Modula Lift in order to incorporate customer requirements for greater accuracy, security and precision.

Modula OnePick, the evolution of the Modula Lift, was conceived to meet the following challenges in the market:

- An integrated solution for automated systems that does not require the use of external robots
- A picking system offering single access to the needed item eliminating the margin of human error
- A machine that selects one product at a time, allowing for secure and traceable "vending machine" capabilities in the factory

The idea came up last March while working on a picking solution for a customer. In that particular instance the use of an external robot was not possible and there was the clear need to offer protected access for only a product at a time. In a couple of weeks the first prototype was developed and additional consultation with other clients led to further improvements.

Aided by Modula's efficient protocols, a customer challenge became a product and a solution to a future market need within a few months.

Franco Stefani has recently stated: "We stay one step ahead by not only listening to the customers but also reacting and coming up with ideas that bring concrete solutions. We do so in a way that we can ensure they are satisfied both with the solutions as well as with the financials behind. We are known in the industry for being partner, not a supplier."

Modula OnePick has been presented in Europe during the CEMAT Show 2016, held in Hannover at the end of May. The innovative lift was welcomed with great interest and enthusiasm by the intralogistics and supply chain industry. "We are very happy by the positive feedbacks gathered during the CEMAT" –states Fabra – "CEMAT 2016 offered the perfect platform to validate our new innovation and launch this product in the European market. We hope to raise the same interest in Chicago during the IMTS 2016. We look forth to meet many of our future clients at IMTS" – he further adds.



Figure 2 Modula OnePick's secure delivery interface window



YouTube

YouTube videos: Modula OnePick video: https://youtu.be/5_j8F-g1FzQ

The Company Modula manufactures automated picking and storage solutions featuring the most advanced Vertical Lift Modules in the market.

Our headquarters in Maine covers over 102,000 sq. ft. of production and engineering space. Our full line of products is proudly Made In USA with US & Imported components.

Modula is the only provider to offer flexibility in the "quick delivery program". Unlike competitors who can only expedite machines they have in storage, we can supply the exact unit/s required for your operation within our entire range of sizes and models.

For more information please visit our website: www.modula.us

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