

Alstrut launches 'Cobotizur'

29 August 2019 | News

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Alstrut is a company based out of Chennai offering robotics and end of line automation solutions to discrete manufacturing industries across India.

Solutions include automated/semi-automated assembly lines, conveyors, work stations, end of line automation, etc. Industry verticals where we have delivered projects are Automobile, Auto-component, Electrical, Electronics, FMCG, Food, Packaging, Pharma etc.

The company has chosen PackPlus as a platform to launch our new product 'cobotizur' which has applications specifically in the packaging industry i.e. FMCG, Food and Pharmaceutical.

Anuj Bihani, Managing Director, Alstrut India Private Limited said "Cobotizur is a flexible palletizing system that combines a palletizing cell with a collaborative robot and it provides end-users the features needed to quickly setup a robot for palletizing boxes or cartons on a standard pallet. Not only does it relieve humans from the laborious task of stacking boxes, it enhances the efficiencies of the operators and hence increasing throughput."

The key features of Cobotizur is Quick Installation, Vertical 7th axis, Minimal footprint, Modular easy to move, Continuous operation, Easy programming, Save to use and Minimal maintenance”

‘Cobotizur’ is a modular, plug and play equipment which can be integrated with the UR10 or UR10e collaborative robot from Universal Robots to provide the user a ‘collaborative robot palletizer’, automating palletizing of carton boxes on to a pallet.

The cobotizur is shipped as an all-inclusive unit, inclusive of a vertical 7th axis, a custom designed vacuum gripper to grip carton boxes of varying sizes and weights and a vacuum pump.

Deploying the cobotizur requires absolutely no expertise or programming knowledge. A simple one-time three-point calibration is all that is needed. Using the intuitive touch-panel interface, users can in a few minutes, enter the dimensions and weight of all SKU, storing over 200 SKU types. It has a compact foot print, enabling installation at existing site with minimal change in layout. The modular design also enables the palletizing solution to be relocated.

System integrators or end-users worldwide need to follow five simple steps to deploy a safe palletizing solution at the End of Line in just a few hours. The ‘platform approach’ of providing a plug and produce equipment, empowers users to now deploy a simplified palletizing solution which earlier was perceived as a complex project.