

OMRON Automation Launches New Collaborative Robot TM20 for Heavy Payloads in India

Mumbai, Aug 1, 2023: OMRON, a leading provider of end-to-end industrial automation solutions, has announced the launch of its new OMRON TM20 cobot with a payload of 20 kg. The new cobot is well-equipped to automate palletizing, machine tending and material handling whilst managing heavy payloads.

The robot is the latest addition to the OMRON family of TM cobots, which are well renowned for their ease of use, reliability, and safety in industries such as food & beverage manufacturing, environment mobility, end-of-line packaging solution makers, and logistics solution providers to name just a few. Just like other robots of OMRON, this is also designed to work seamlessly with other OMRON products including sensors, controllers, and software, to provide a comprehensive automation solution for manufacturers.



Other unique traits of OMRON TM20 are its lightweight design- weighing in at just 33 kg, small footprint and a reach of 1.3 meters that makes it easier to integrate with mobile robots, providing greater flexibility and efficiency in industrial environments. The robot also comes equipped with special joint covers to protect it from cutting oil and other hazardous materials, making it suitable for use in machine tending applications and an integrated camera (as an option) to identify & differentiate infeed production flow from mixed production line.

Key features:

- 20 kg payload capacity for handling heavier parts and materials.
- Reach of 1300mm ideal for palletizing applications
- Cycle improvements due to faster joints

Sameer Gandhi, MD, OMRON Automation expressed his enthusiasm for the launch of the OMRON TM20. "This new addition to our cobot family is to strengthen the value generation for our customers to make them automate heavy payload applications and achieve more out of their operations. It provides operators with relief from tasks that involve heavy lifting, while ensuring that it operates safely alongside people. We look forward to collaborating with the right solution partners to co-create & develop advanced industrial solutions based on the human- machine collaborative technology the robot offers," he shared.

About OMRON Automation India Business

Headquartered in Kyoto, Japan, OMRON Corporation is a multi-billion-dollar, diversified company with business units producing industrial automation products, device & module solutions, healthcare and social system solutions. The Industrial Automation business unit of OMRON is a global leader providing complete automation solutions for industrial applications. It brings innovation to manufacturing sites through automation with "Integrated", "Intelligent" and "Interactive" concepts with one of the world's most sophisticated and wide product range encompassing panel components, smart sensors, Vision technologies, PLCs, Servos, Drives, Robots & Cobots and Machine safety solutions (ILOR+S) technology.

OMRON Automation - India, now more than two decades old in the country, caters to varied industrial applications encompassing the wide requirements of packaging, automotive, material handling, food & beverages, digital and panel building applications. The company is focusing on the solution business, including Robotics and IIoT, providing "One Stop" solutions to improve the overall efficiency on diverse production sites. Focusing on the themes of quality, safety and the environment, it supports manufacturing innovation with its unique sensing & controlling technologies and caters to customers across the country via its strong network of offices, application, service and sales engineers supported by an automation technology center (for demos and PoCs), PoC lab, training centers as well as channel partners to address the ever-challenging requirements. A major factor in OMRON's progress globally & locally has been the strong commitment to provide solutions to its customers' unique challenges.

To learn more, please visit: www.omron-ap.co.in



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