



Godrej & Boyce Mfg. Co. Ltd.

Godrej & Boyce Partners with Indian Railways to Develop Universal Coach Assembly Station

- *The Universal Coach Assembly station is designed and developed with an Auto welder setup to boost productivity and further accelerate the vision of Atma Nirbhar Bharat*
- *Eyes 100cr business in the industrial machines LOB in the next 3 years*

Mumbai, 12th August, 2021: Godrej & Boyce, the flagship company of the Godrej Group, announced that its business Godrej Tooling has partnered with the Indian Railways to design and develop the Universal Coach Assembly station as an indigenous solution for Coach Assembly fabrication in the brand new Marathwada Railcoach Factory in Latur, Maharashtra. The Universal Coach Assembly Station has cut the time it takes to assemble a coach from 24 hours to 12 hours.

In 2019, the railways were facing the challenge of increasing productivity substantially in their production shops to meet the growing demands of passenger and freight traffic. Godrej & Boyce's partnership with Rail Vikas Nigam Ltd. (RVNL) began in 2019 with the latter awarding Godrej Tooling the project of developing with Universal Shell Body Assembly Fixture through their EPC contractor - M/s ISGEC for their upcoming Marathwada Railcoach Factory at Latur. This fixture greatly benefits the Indian Railways by deskilling operations, enhanced production, and a huge increase of 100% in the productivity of the line.

The integration of the auto welder setup makes it capable of welding different variants of coaches like EMU, MEMU and LHB type coaches through flexibility in Clamping, resting level pads and slides. The key advantage for each Coach consists of components like underframe, side walls, end walls and roof which are assembled, rigidly secured and clamped in the state of the art Universal Assembly station, and are then sequentially welded through a set of auto welders for seamless welding. This minimizes the human efforts, improves the welding quality and also reduces cycle time thus increasing line productivity.

Pankaj Abhyankar, Senior Vice President and Business Head, Godrej Tooling, commented, *"With India's commitment to advance its self-reliance across sectors gathering momentum, we are honoured to partner with the Indian Railways to further strengthen the railway network across the nation. Our team carried out extensive studies of the current manufacturing processes which included in-depth interactions with the factory personnel at the Integrated Coach Factory (ICF) in Chennai. This helped us design the flexible Universal Coach Assembly station with an automated welding arrangement which can accommodate multiple coach variants. The team, committed to the vision of a stronger railway network, successfully installed and commissioned both the Assembly stations through the pandemic. We look forward to further associating with the Indian Railways and strengthening our partnership. In the next 3 years, we plan to grow the industrial machines business by 100crs."*

Godrej Tooling, through its Industrial Machines (IM) line of business, provides specialized solutions including automation of jigs & fixtures, material handling, welding and robotics for a wide range of manufacturing activities for improving productivity in Indian Railways and metro rail sectors. Over the last few years Godrej Tooling has forayed into catering to the automation requirements of customers like the Indian Railways and Ordnance Factories. Over the years, the business is best known for taking on large and technically complex assignments.



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About Godrej & Boyce Mfg. Co. Ltd.

Godrej & Boyce ('G&B'), a Godrej Group company, was founded in 1897, and has contributed to India's journey of self-reliance through manufacturing. G&B patented the world's first springless lock and since then, has diversified into 14 businesses across various sectors from Security, Furniture, Aerospace to Infrastructure and Defence. Godrej is one of India's most trusted brands serving over 1.1bn customers worldwide daily.

Media Contacts:

Elizabeth Bocarro, Godrej & Boyce

ebocarro@godrej.com

+91 9819279154

Soujanya Das, Adfactors PR

soujanya.das@adfactorspr.com

8017232766