

TAL BRABO Welding Robot to power the future of welding processes in India

Key Highlights:

- The **six-axis welding robot** is adept for all complex welding applications
- Proven to **increase productivity**, TAL BRABO Welding Robot with 6 Kg payload capacity, **priced at approximately Rs. 8.5 Lakhs**
- Can be **integrated with any power source and is easy to program with low cost of ownership**
- Will primarily cater to Tier 3 and 4 suppliers, two-wheeler OEMs and the MSME sector
- Promises to **increase productivity and efficiency** and **ensure safety** in welding processes
- Is backed by a **trained and well-equipped System Integrator Network**

Mumbai, August 9, 2017: TAL Manufacturing Solutions, a subsidiary of Tata Motors, today announced the launch of its indigenously developed, **TAL BRABO Welding Robot**. Exhibited for the first time at the Automation Expo from 09 – 12 August 2017 in Mumbai, the TAL BRABO Welding Robot has been developed for welding operations with highly reliable features and ensures utmost safety as it is equipped to seamlessly perform all dangerous actions associated with welding.

Priced at approximately Rs. 8.5 Lakh Welding Robot is cost-effective offering easy-to-use robotic technology that caters to Tier 3 and 4 suppliers. With a reach of 850 mm and payload capacity of 6 kilograms.

Conceptualized to automate welding not only for OEMs but also MSME players, the TAL BRABO Welding Robot has been developed from an industrial user perspective. A complex and dangerous task, welding is associated with many health hazards such as damage to physical health, serious medical complications due to exposure to fumes and high decibel noise that can potentially destroy the hearing ability of the welder. The design and in-house style of the TAL BRABO Welding Robot addresses all these concerns and performs welding functions consistently and precisely.

Speaking at the launch, Mr. R S Thakur, Non-Executive Director & Chairman – TAL Manufacturing Solutions Ltd., said, *“India is a growing market for technology and innovation with a conducive atmosphere for development of automation. Robotics and Automation can revolutionize the industrial scenario and change the way various functions are performed across industries. We take pride in introducing the new TAL BRABO Welding Robot which will offer cost effective and integrated manufacturing solutions in multi discipline capabilities. This innovative product will automate the tedious welding process. Robotic technology is in the nascent stage in India and we aim to create awareness through such innovative product offerings.”*

Produced in Pune, at the TAL facility, the BRABO Welding robots is backed by a trained and well-equipped System Integrator Network. The plant has an annual capacity of 3000 units, per year The demand for these robots is bound to increase with boost in sectors like Automotive, Light Engineering,

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Precision Machining, Electronics, Software Testing, Plastics, Logistics, Education, Aerospace and Engineering among others, simplifying industrial manufacturing, improving quality and productivity.

Earlier this year, TAL Manufacturing Solutions launched first Indian conceptualized, designed, and manufactured articulated industrial robot used for varied applications for tasks like pick and placement of materials, assembly of parts etc.

About TAL BRABO

The TAL BRABO is the country's first Indigenously developed, 'Made in India' solution, developed to cater to micro, small and medium enterprises, as well as for large scale manufacturers who require cost competitive automated solutions in manufacturing. The robot is available robot in 3 variants, with payloads of 2,6 and 10 kilos, priced between INR 5 – 8.5 lakhs.

Designed and styled in-house at TAL Manufacturing and Tata Elxsi respectively, Tata AutoComp manufactured some of the critical components of the robot. Conceptualized to complement human workforce and perform repetitive, high volume, dangerous and time-consuming tasks, the TAL BRABO robot, can be deployed across industries.

Having successfully tested the TAL BRABO in over 50 customer work streams so far, TAL Manufacturing is ready to supply these robots to several sectors including Automotive, Electronics, Software Testing, Plastics, Logistics, Education, Aerospace and Heavy Engineering among others, simplifying industrial manufacturing, improving quality and productivity.

About TAL Manufacturing Solutions Limited:

TAL Manufacturing Solutions Limited, a TATA Enterprise, is a wholly owned subsidiary of TATA Motors and is one of the leading companies in India, successfully delivering manufacturing solutions for over 40 years to customers in Automotive and Heavy Engineering and more recently, to Robotics, Aerospace and Defence sectors. Telco Automation Limited (TAL) was formed in 2000, by merging two mother divisions of TATA Motors – Machine Tools and Growth. The ones that designed and built the machines, equipment and automation requirements of TATA Motors, during its setup of manufacturing facilities. This model was followed by TATA Motors in the 1960's and 70's, to ensure lower cost of capital acquisition by minimizing imports of such machines and equipment and thereby build vehicles at prices that were affordable to Indian customers.

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