



Managing Manufacturing Operations in an era of increasing Automation/ Robotics

Increasing competition and ever-escalating costs are a constant motivation for manufacturers to focus on optimizing resources, meeting tighter delivery schedules, and improving overall responsiveness.

The expected increase in costs and the paucity of skilled labor is forcing SME manufacturers to consider automating their operations significantly. To drive future growth, manufacturers will need to rethink their manufacturing strategy and build 'future-ready' facilities that include new-age digital technologies like robotics.

By Investing in automation SMEs can decrease time taken in setting up assembly lines, enable faster delivery to customers by cutting lengthy shipping times and dramatically improving productivity and safety while staying cost efficient. Robotics will enable small-scale enterprises to localize manufacturing, respond to market demand quicker and reduce inventory carrying cost.

BCG Research indicates that the price of industrial robots is expected to come down by 25% over the next decade, with a 5% performance improvement year on year, accelerating the pace of adoption of robotic automation. However, without adopting effective business systems and processes enabled by a reliable I.T. platform and an effective ERP, investing in automation by itself is unlikely to generate the returns expected. The two go hand in hand.

ABS Baadal offers pre-configured solutions for specific industry verticals that can be "Rapidly Deployed" in a matter of weeks at affordable subscription price-points. ABS Business Consulting can help an organization adapt to and leverage the ERP to add an estimated 2% to your bottom-line. Affordable Business Solutions has enabled component manufacturers to address business challenges for over 12 years. Our strong understanding of the component manufacturing business has been embedded in ABS Baadal - an Industry Vertical Solutions for Component Manufacturers that includes a suite of pre-configured ERP/ CRM/ Business Analytics solutions offered on the Cloud Computing model for Component Manufacturers including Fabrication, Precision Machining, Foundry, Forging, Plastics, and Rubber. ABS also offers business consulting to enable you to embrace LEAN/ Global Manufacturing Excellence practices, which can help you implement programs to increase the value added per employee. ABS Baadal provides the IT solutions which can help monitor, track and increase the overall productivity and efficiency of your organization

Do let us know your thoughts and responses at ABS Linked-In. If you would like to explore how you could leverage ABS Baadal and our business consulting services, please connect with us at absbaadal@abs.in

