

## Automation solutions from Scanditron

Could robot automation help your electronic production become more competitive? With the latest technologies it is now possible to automate process phases which were previously not considered technically or economically feasible.

- Investing on basic automation is a long term investment
- Automation solutions can be flexible. Platform based solutions can be equipped with different kinds of applications for several kinds of process phases.
- Vision systems make it possible to handle different kinds of components with the same basic technology. Material handling, component feeding and other applications can in many cases be the same for many kind of products
- Collaborative robotics allow simultaneous machine and human operation when the robot can take over monotonous and physically stressful tasks



ABB YuMi collaborative robot

### Possible solutions, applications, etc.

- Platforms: ABB YuMi, Fuji SmartWing, other robot cells
- Applications: pick and place, screw insertion, dispensing, labelling, laser marking, material and component handling technology
- Customised solutions

As an authorised Value Provider to ABB Robotics, Scanditron can assist you both with the hardware investment and software integration of your YuMi robot solution. To discuss possibilities for your specific production challenges please contact our Automation Project Manager, Jari Jaakola, per email [jari.jaakola@scanditron.fi](mailto:jari.jaakola@scanditron.fi) or tel. +358 40 301 5068. We can thereafter make a proposal about which applications are possible and present a financial calculation of investments involved and what future savings for you could be.



See next page for pictures and examples of automation possibilities.





### ABB YuMi - the collaborative robot

- YuMi is “you and me”, working together to create endless possibilities.
- Flexible hands, parts feeding systems, camera-based part location and state-of-the-art robot control.
- Different grippers available
- YuMi and humans can work together for highest possible efficiency



### FUJI SmartWing robot - the robot that doesn't need teaching!

- Easy to set up – no physical guidance needed
- Production jobs can be easily created in the software
- Automatic job changeover by 2D bar code scanning
- Integrated vision system
- Different grippers available
- 2 SmartWing robots can collaborate, e.g. to insert and tighten screws



Let Scanditron help you with a single robot cell or a completely automated assembly line!



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