

# Autocut Saw Beckhoff Upgrade

Details on the Beckhoff upgrade available to Stuga Autocut saws

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## Details




Your Stuga machine has a control system in it with various components that are now obsolete . This technology has been used in the Stuga machines for over 20 years. The motion control was developed by a UK company based in Bristol in the early 1990's, the company was very successful and was purchased by an American company "Baldor" around 2004.

The Baldor group was bought by the giant electronics company "ABB" in 2015. There was an assurance at this time that the Nextmove platform would be fully supported by ABB and be used as a new base for their motion control department.

ABB have now withdrawn the supply of all Nextmove products as **they do not wish to pursue this product going forwards**. They have not offered any kind of alternative and they are shutting down the production facility which will make repair impossible.

- The Nextmove product is obsolete.
- Stuga have secured a last supply of Nextmove products to cover future spares / warranty issues, but this supply is finite
- On older saws, the main PC is an "ACEpc" which is also obsolete

### Obsolete Drives and Control Systems

ACEpc	Samsung Servo Drive	Baldor Flexdrive
		



- **Batch timing calculations.** Based on continuous measurement of individual operation timings, gives an indication of how long a batch will take to complete (at 100% efficiency)
- **Bar foil colour indicator.** Helps operator determine the correct orientation of foiled bars
- **Auto email of production reports.** Software can be set up to email a daily production report to any email address

The Version 6 control software is the platform that all future software improvements will be based on, this upgrade unlocks the ability for your machine to be further improved in the future.