

conveying solutions for industry



Autarky Machine Company

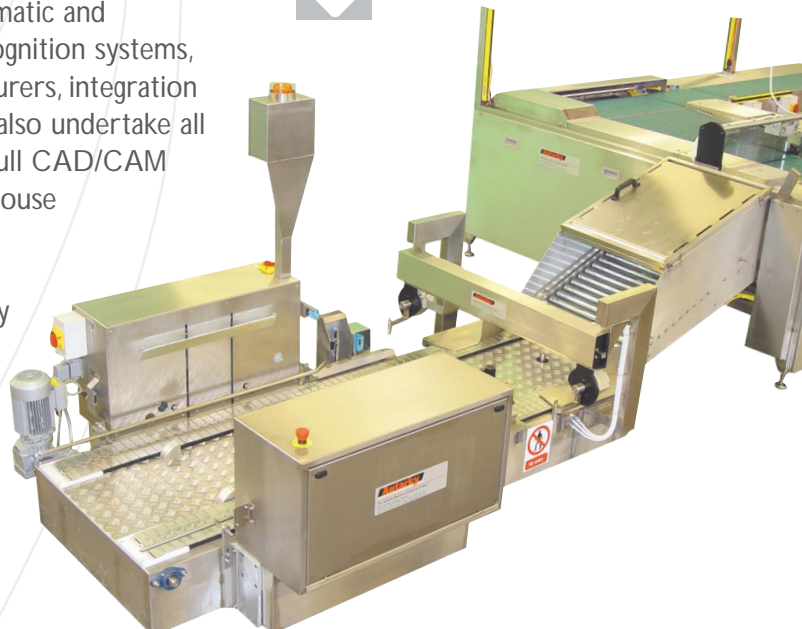
Founded in August 1972, The Autarky Machine Company has established a wide customer base within the food and pharmaceutical sectors, and was one of the first UK companies to design tamper proof sleeve application machines for the drinks market.



The Autarky Machine Company now works closely with the bakery and food industry, supplying complete solutions from design, construction, installation and programming through to final commissioning. These solutions range from single unit machines, through to complete turnkey installations, with project values of up to £1.07 million.

In-house technologies include the design and built of pneumatic and electrical control systems, barcode reading and colour recognition systems, PLC programming encompassing a wide range of manufacturers, integration of multi axis servo drives and robotic units. The Company also undertake all their own stainless fabrication and welding, together with full CAD/CAM and general machining operations, maintaining as much in house manufacturing as possible.

This knowledge and in house capability has enabled Autarky Machine company to establish a significant name for itself which, when combined with its proven longevity, has provided a stable environment for their customer base and the introduction of Autarky Automation.





Autarky Automation

Autarky Automation Limited was established in 1997, with the clear objective of expanding Autarky Machine Company's engineering and solution providing skills, thereby introducing them to a wider range of customers.



The Schuco product range includes:-

- Aluminium profile systems
- Protection and enclosure systems
- Work and assembly station systems
- Module conveyor systems
- Linear handling systems

A relationship developed between Autarky and Schuco Design, the industrial automation division of Schuco International, with an agreement of sole UK partner being reached in 1999. This fitted perfectly with Autarky as the Schuco Design range of high quality aluminium products and solutions could be tailored to suit the markets Autarky was developing.

Schuco Design are specialists in aluminium, they have developed an extensive range of products and solutions for the engineering and domestic market places which are utilised all over the world.

SCHÜCO
DESIGN
Sales Partner Industrial Automation





Markets

- Automotive
- Food / Confectionery
- Medical / Pharma
- Home and Personal Care / Cosmetics
- Plastics
- Electronics
- Aerospace

Autarky Solutions

Autarky has a history of special purpose machine design which has helped in the development of solutions for a number of production processes. These included:

- Alpine systems, storage and accumulation tables
- Puck lines and de-pucking units incorporating control and integration
- Product orientation and collation devices
- Pick and Place systems (servo and pneumatic)
- Stacking and de-nesting
- General product handling and conveying

Autarky uses this knowledge in the designs they develop for their customers, delivering cost effective and reliable solutions. The modularity of these solutions also gives the customer confidence that as their figure production requirements change, the system at the heart of their production process can be easily adapted to meet these changes then they occur.

Innovative design,
Improved productivity

Autarky Components

The product range can be supplied in component form or in a flat pack kit ready for assembly by the user.



Whether you are looking for a profile or guard system to integrate into your designs, or require a turnkey product handling solution to suit your production requirements, Autarky can offer assistance to suit your needs, and work with you towards achieving your objectives.



The Profile System

The profile system which is the base of the whole range is extremely versatile offering a comprehensive profile selection that is highly functional yet not over complicated. Supported by an extensive choice of accessories and connecting solutions the profile can become a machine frame, support jig, robot guard cell, clean line enclosure or a work station, the functions are endless.

The Conveyor Systems

The conveyor range has developed extensively introducing major benefits to customers such as the incorporation of standard chains in their design. Continuing R&D by Schuco has also delivered the new SL generation of modular conveyors, reducing cost and noise levels, increasing speeds and reducing maintenance.

The conveyor types available include modular belt, standard belt, slat chain, pallet transport systems and over head conveyors.



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