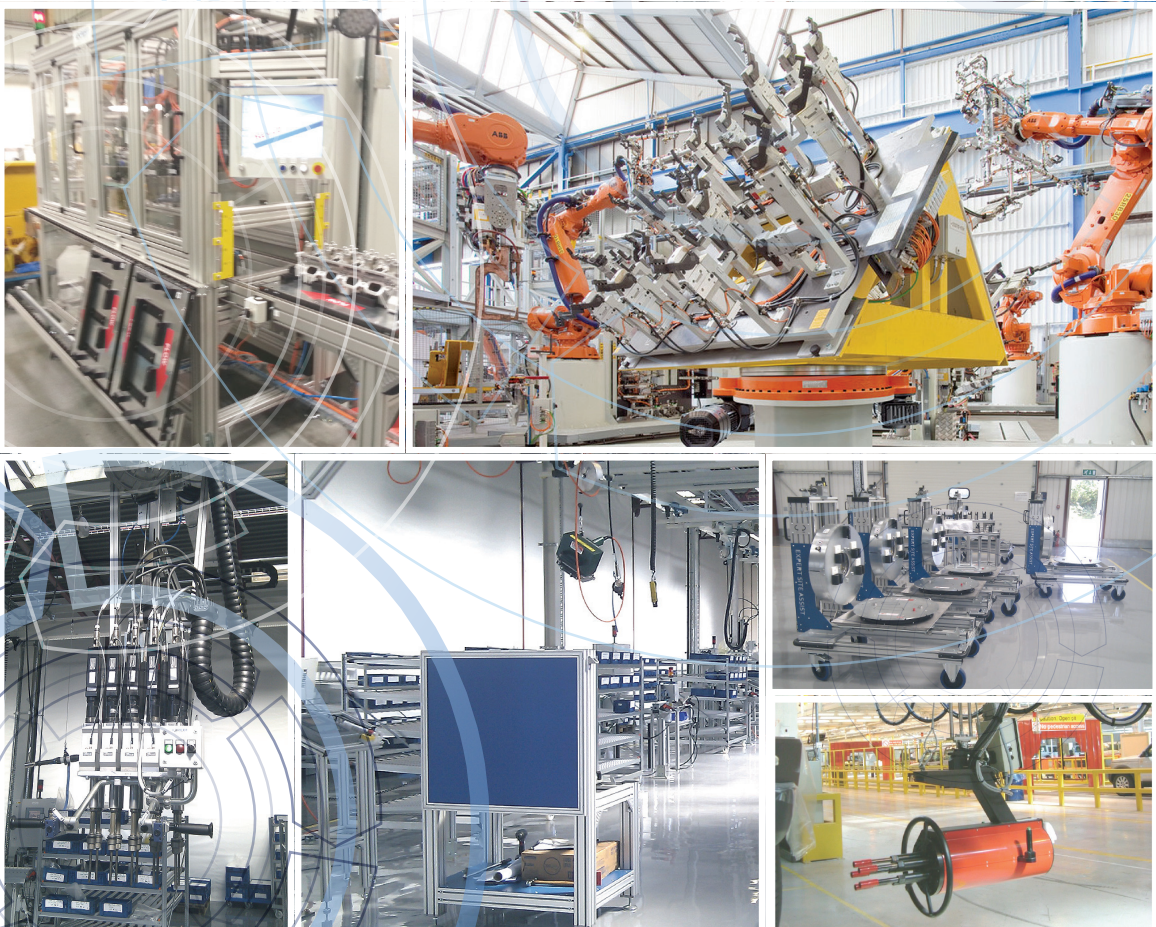




PRODUCTION & AUTOMATION SOLUTIONS  
MECHANICAL & CONTROL ENGINEERING  
PRODUCTION EQUIPMENT





## ESTABLISHED TURNKEY SOLUTIONS PROVIDER OF SPECIAL PURPOSE MACHINERY, PRODUCTION EQUIPMENT AND SERVICES

We pride ourselves as the complete solution company; not only do we supply quality off the shelf products we also design, manufacture, install and commission the full production solutions. Our portfolio, combined with years of knowledge and expertise means we are able to offer a diverse range of engineered solutions such as robotic handling systems, gantries, vision inspections, assembly tooling, lean work stations and full conveyed production facilities.

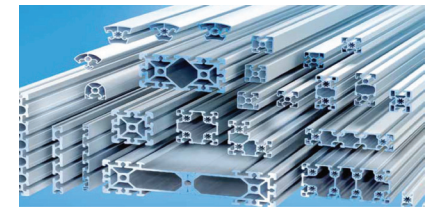
At our 11,000 sq. ft. facility we have a comprehensive workshop and the capacity to assemble automation for production systems, whether as a simple stand-alone machine or cell, to a complete assembly line or facility. Our services also include retrofits to existing automation, system upgrades, retooling and facility health checks. In making these improvements, we integrate any third-party equipment and adhere to the latest legislation and directives. We specialise in providing 'Poka Yoke' (error check) systems to eliminate defects in the production process. Our engineering team uses the latest design tools, SolidWorks and Eplan P8 to achieve a quality assured and 'Good Manufacturing Practice' (GMP) engineered solution.

## TIGHTENING TECHNOLOGY, ERGONOMIC BALANCED SYSTEMS, TORQUE REACTION DEVICES



As a leading supplier of tightening solutions and products, ESA supply a comprehensive range of articulated reaction arms, torque tubes and positional control systems for all types of tightening assembly processes. We offer off the shelf standard products from our sales partners Jäger Handling and DOGA or from our own custom built systems.

We support and integrate all tightening tool manufacturers and supply component parts for self-install or as a complete turnkey solution; whether for a single hand tool or a multi-spindle system we have the correct solution for your application.



## LARGEST ALUMINIUM PROFILE RANGE FOR LEAN SYSTEMS

ESA can supply the complete range of Bosch Aluminium Structural Framing system (Extrusion & accessories) either from our stock or direct from the manufacture.

We offer a complete and comprehensive service from supply of component parts, flat pack assemblies, to the full design, manufacture and installation of complete systems. There are infinite applications for the Bosch profile, which include: Flow racks, Eco-Safe Guarding, Manual Conveyors, Ergonomic Workstations.



## TRANSFORMERS FOR RESISTANCE WELDING

ESA offer transformers for all resistance welding processes:

- Spot welding (manual and robot guns)
- Fine Spot and Projection welding
- Seam and Flash welding
- Wire mesh and Capacitor discharge welding

The transformers are used in both stationary and flexible robot welding systems, are available in a broad output range and can be adapted to all mains voltages and frequencies on the primary side.



## MOST COMPREHENSIVE ROTARY TABLE RANGE FROM A SINGLE SOURCE

ESA are the sole UK agent for the FIBRO rotary table product range. FIBRO are the global market leaders in precision rotary tables, supplying tables for both machine tool and automation applications. This range comprises of over 150 different rotary table types.

FIBRO rotary tables are used as swivel axis or axis for positioning or as a workpiece carrier in machine tools and assembly applications. Thousands of units have been incorporated globally as essential components into high production volume systems. There quality, performance and a large product range offer the customer a quality choice when meeting the requirements of the project. We can supply complete systems, spares and service these systems.



# QUALITY POLICY

ESA is committed to delivering high quality products, engineered solutions and services to our customer's that meet and exceed their expectations.

Customer satisfaction is the most important element of the business and we have objectives in place to ensure we always exceed our customer's expectations.

We have been building on our reputation since 2009.

## INTERESTED?

*.... Ask what ESA can do for your business!*



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