



FLOWING FORWARD

**ACTUATORS**

# UNLIMITED SOLUTIONS IN ACTUATORS

Serving specialist, niche markets in the oil and gas, nuclear, power, water and bulk material handling sectors, we are renowned for making things move in some of the remotest and most challenging environments.

We have become one of the world's leaders in electro- hydraulic engineering, serving clients in the Middle East, Far East, Australia and Europe.

We offer both standard and customized actuators and systems with some of our standard range available on short delivery times.





**LOOKING TO  
MAKE  
SOMETHING  
MOVE?**

Our team have the knowledge and expertise to deliver unlimited Solutions in Actuators.

# COLLABORATION IS KEY

At Merla we work for some of the world's most reputable and recognised brands, with end users, Engineering Procurement Contracts (EPC's) and consultants, on a diverse range of briefs and requirements.

Collaborative work is key to our success, the earlier we get involved in projects the more added value we can provide.

Helping and assisting in the formulating of specifications and briefs, allows us to come up with the most effective solution, often saving our clients both time and money.

Here is a selection of some of the companies we work with:

## END USERS



## EPC'S/CONSULTANTS



## THE S RANGE

Our 'S' Range of Hydraulic and Pneumatic Stepping Actuators are based on widely used mechanical principles, which we have refined and improved upon to provide a reliable and cost effective product.

Primarily used in the Oil and Gas industries the 'S' range provides choke valve control. They are available in either pneumatic or hydraulic formats and come with a number of optional features.

**Our 'S' range is commonly used in choke valve controls.**



**WE OFFER A UNIQUE CORE RANGE OF ACTUATORS, WHICH CAN BE DESIGNED AND DEVELOPED FOR OUR CLIENTS' SPECIFIC NEEDS AND REQUIREMENTS.**

# THE E RANGE

Used for over 40 years our 'E' Range of Linear and Rotary Electro-Hydraulic Actuators provide us with the flexibility and versatility to offer solutions to most actuation requirements.

They are linear or 0-90 degree electro-hydraulic actuators for modulating or isolating duty. These actuators can thrust up to 80,000kg (176369.81 LBF) and torque up to 135,000NM within the standard range, however optional features make them adaptable for most applications and requirements.

The 'E' range is commonly used in the water, power and oil and gas industries.



## THE Z RANGE

Our 'Z' range includes a range of self-contained linear electro-hydraulic actuators, which are both versatile and extremely robust.

With fully adjustable thrust and speed controls, they don't require external pipework and are completely sealed protecting them from any contaminants.

They are ideal for on-off applications and need little or no maintenance.



**The 'Z' range is commonly used in the bulk materials handling and nuclear industries.**



# THE ISC RANGE

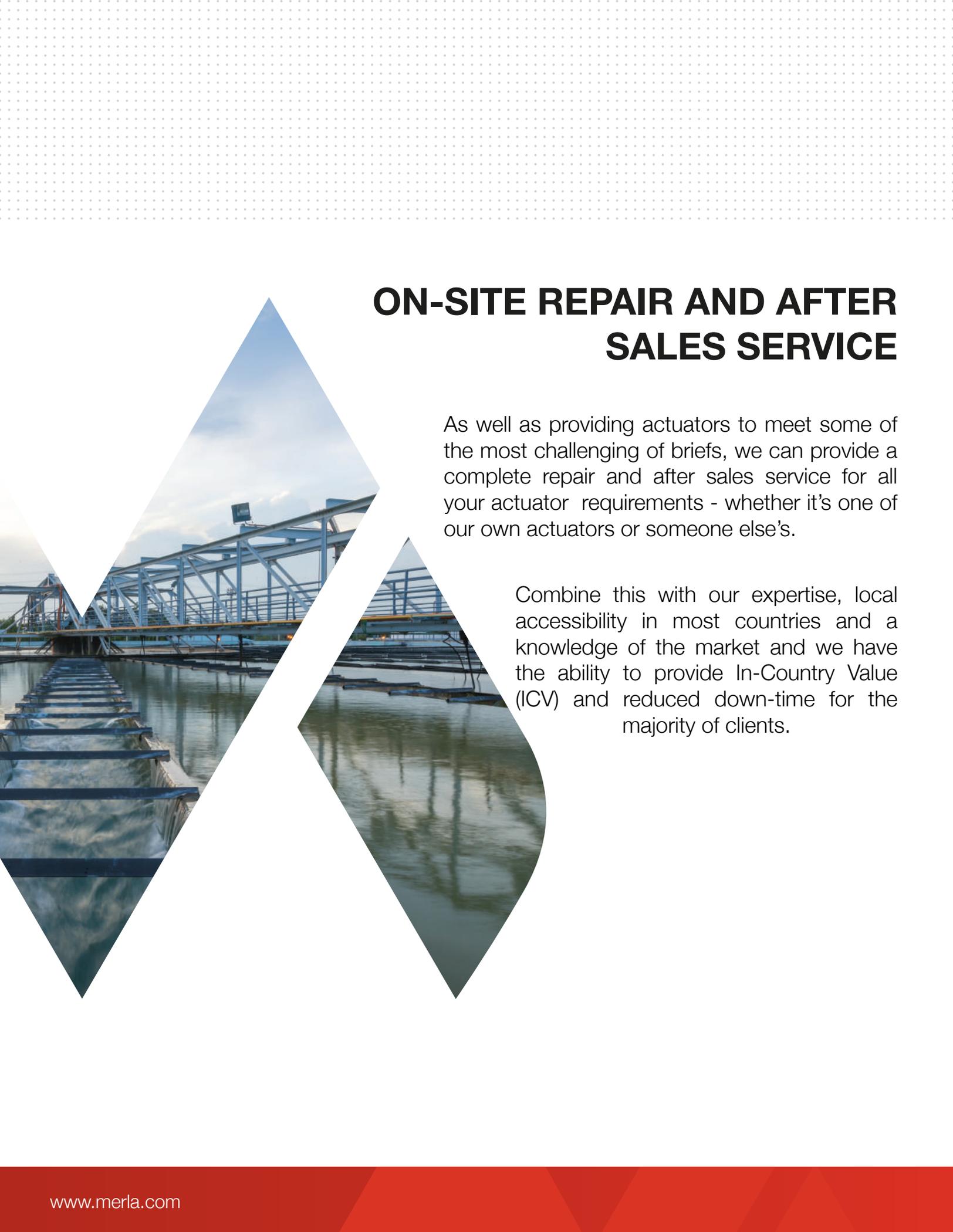
At Merla we recognise that most hydraulic systems need some form of electrical controls, whether it's a basic motor starter panel or a complex modulating control system.

That is why we offer the design and build of fully integrated hydraulic and electrical controls through a range of packaged solutions.

## These solutions include:

- In-house programming using quality brands such as Siemens and Alan Bradley.
- PLC/HMI packages
- Remote monitoring
- Site installation and commissioning by our team





## ON-SITE REPAIR AND AFTER SALES SERVICE

As well as providing actuators to meet some of the most challenging of briefs, we can provide a complete repair and after sales service for all your actuator requirements - whether it's one of our own actuators or someone else's.

Combine this with our expertise, local accessibility in most countries and a knowledge of the market and we have the ability to provide In-Country Value (ICV) and reduced down-time for the majority of clients.

## We can provide:

- A dedicated, local team of trained technicians
- In-stock availability of key items
- Planned routine maintenance programs
- On-line technical help and support
- 24 hour call out
- Service packages to meet clients requirements
- Initial site surveys
- Warranted repairs using genuine parts

### A standard repair service can include:

- Inspection
- Full strip down
- Reporting
- Rebuilding
- Testing and certification
- Repainting





**706 Honea Egypt Rd, Magnolia,  
TX 77354-2394. USA  
contact@merla.com  
+1 (281) 931-6900**



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in Actuators.