

WWW.JAARIS.COM

JAARIS AUTOMATION COMPANY PROFILE

Founded in Sri Lanka, JAARIS began as a family-driven initiative with a vision to redefine industrial automation across South Asia.

Today, we proudly serve our customers with a comprehensive portfolio of energy-efficient Variable Frequency Drives (VFDs), application-specific drive system solutions, and a range of high-performance industrial equipment — all engineered to meet diverse operational demands with unmatched quality and reliability.

Headquartered in Sapugaskanda, Sri Lanka, and expanding rapidly, JAARIS is the exclusive agent for IASTAR VFDs in Sri Lanka and holds official distributorship rights across India, Pakistan, Bangladesh, and Myanmar — establishing our presence as a trusted drive technology partner across the South Asian region.



CONTACT DETAILS

no.786/5, samurdhi mawatha, heiyanthuduwa

www.jaaris.com | sales@jaaris.com | +94767015546 / +94760458744

Jaaris

INDUSTRY-FIRST WARRANTY STANDARD

FOR THE FIRST TIME IN SRI LANKA AND THE SOUTH ASIAN REGION, JAARIS SETS A NEW STANDARD IN INDUSTRIAL ASSURANCE — OFFERING ALL VARIABLE FREQUENCY DRIVES (VFDS) WITH A COMPREHENSIVE 2-3 YEAR WARRANTY.



MISSION

To contribute to industrial growth and energy efficiency by delivering world-class drive solutions that power machines, improve productivity, and uplift factories — across Sri Lanka and the South Asian region.

VISION

To become the most trusted drive solutions partner in South Asia by integrating advanced drive technologies with local engineering excellence — ensuring that every factory we serve runs smarter, cleaner, and stronger with Jaaris Drives.

POWER. PRECISION. EFFICIENCY – REIMAGINED.

IASTAR VARIABLE FREQUENCY DRIVES (VFD)



JAARIS, in strategic partnership with Shanghai STEP Electric Corporation, proudly introduces the IASTAR series of Variable Frequency Drives (VFDs) to Sri Lanka and the broader South Asian market. The **IASTAR** series is not just a range of VFDs – It's a leap forward in how factories run, machines respond, and industries evolve.

Comprehensive Power Range for Diverse Applications

Our IASTAR VFDs are available in a power range from 0.75 kW to 355 kW, catering to:

- Light-Duty Applications: Fans, pumps, and conveyors.
- Medium-Duty Applications: Mixers, compressors, and processing equipment.
- Heavy-Duty Applications: Crushers, extruders, and large-scale machinery.

Every unit is built to optimize energy, minimize downtime, and adapt intuitively to your process.

Proven Performance in Leading Sri Lankan Industries

JAARIS has successfully implemented IASTAR VFD solutions in numerous prominent Sri Lankan companies, enhancing operational efficiency and energy savings. Our commitment to excellence ensures that each installation meets the highest standards of performance and reliability.

Commitment to Quality and Support

Every IASTAR VFD supplied by JAARIS comes with an industry-leading 2–3 year warranty, underscoring our confidence in the product's durability and our dedication to customer satisfaction. Our team of experienced engineers provides comprehensive support, from selection and installation to maintenance and troubleshooting.

For more info, visit <https://www.jaaris.com/variable-frequency-drives>

TRUSTED MOTION CONTROL FOR ELEVATORS.

IASTAR ELEVATOR DRIVES



Precision Control for Vertical Transport Systems

At JAARIS, we deliver drive technology engineered for the demands of modern vertical mobility. Our AS620 elevator drives are built to ensure smooth acceleration, reliable stopping, and energy-efficient operation across residential, commercial, and high-rise applications.

Engineered for Safe, Reliable Operation

IASTAR AS620 elevator drives are specifically developed to meet international safety standards and deliver precise motor control for geared and gearless elevator systems. With built-in safety functions and superior ride comfort, they support both modernization projects and new installations.

Intelligent Integration

- Seamless communication with PLCs and building management systems
- Flexible encoder compatibility for closed-loop vector control
- Adaptive load tuning for optimal speed and torque response

Designed for Efficiency and Uptime

- Energy-saving regenerative braking options
- Compact footprint for easier cabinet integration
- Built-in diagnostics and real-time monitoring

Tested and trusted globally, IASTAR elevator drives are the preferred choice for system integrators and OEMs seeking long-term reliability, scalable performance, and smooth passenger experience.

For more info, visit <https://www.jaaris.com/variable-frequency-drives>

ADVANCED MOTION CONTROL.

IASTAR SERVO DRIVE SYSTEM



As the authorized distributor of STEP series servo drives and motors, we bring proven, intelligent motion solutions to factories and OEMs across Sri Lanka and South Asia.

Engineered for fast response, high precision, and seamless integration, the STEP series is designed to meet the demands of modern automation—from robotics and CNC machines to packaging and material handling systems.

Key Capabilities

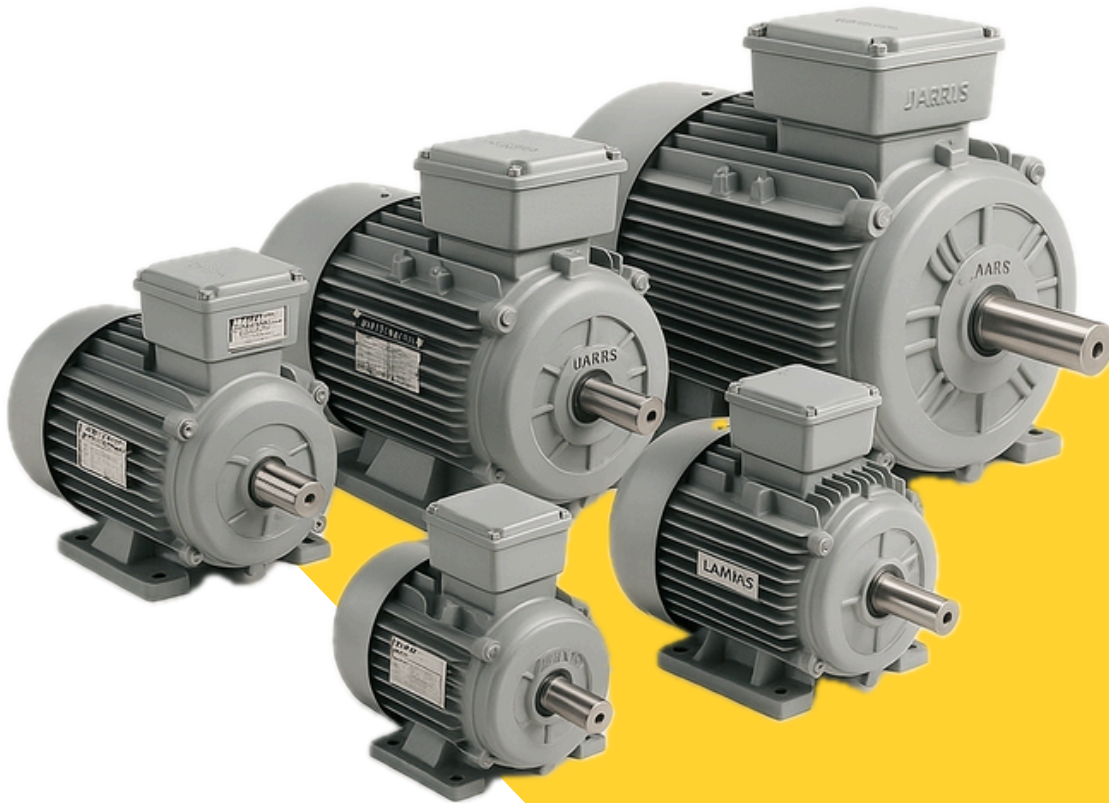
- High-Precision Motion Control
- Delivers exceptional positioning accuracy and repeatability, even under dynamic and high-speed conditions.
- Intelligent Auto-Tuning
- Built-in vibration suppression and self-learning algorithms ensure smooth operation across complex motion tasks.
- Flexible System Integration
- Supports industry-standard protocols like EtherCAT, Modbus, and CANopen—compatible with PLCs, HMIs, and third-party controllers.
- Compact, High-Torque Motor Range
- Available in a wide range of sizes, STEP servo motors offer high torque density and low inertia for rapid acceleration and deceleration.
- Energy-Efficient and Thermally Optimized
- Designed for minimal heat buildup, ensuring long-term efficiency and consistent performance.
- Safety and Diagnostics Built-In

From single-axis control to complex multi-axis systems, JAARIS delivers the complete STEP servo package—stocked locally, backed by technical expertise, and supported by our nationwide service network.

For more info, visit <https://www.jaaris.com/contact>

OPTIMIZED PERFORMANCE FOR EVERY LOAD.

AC ELECTRIC MOTORS



At JAARIS, we understand that motors are the heartbeat of industrial operations. We offer a robust selection of Single Phase and Three Phase AC Electric Motors through our trusted brands – **GLONG and PEM TCL**, designed to deliver consistent performance, quiet power, and long-lasting reliability in every rotation. Available in Single Phase and Three Phase options, our motors are crafted for factories that demand more – **more efficiency, more uptime, more control.**

Power Range & Configurations

Our AC motors are available in a wide range of specifications to meet varied application demands:

- Horsepower Range: 1 HP to 50 HP
- Voltage: Single Phase & Three Phase
- Pole Configurations:
 - 2-Pole – For high-speed applications
 - 4-Pole – Standard for most industrial uses
 - 6-Pole – For high-torque, low-speed operations

From 1 HP to 75 HP, all motors feature **100% copper winding** for superior conductivity, lower operating temperatures, and extended motor life. Whether it's powering a standalone machine or driving a production line, our motors are trusted by manufacturers across Sri Lanka for their durability, precision, and ease of integration.

With proven performance in diverse sectors – from packaging to processing – our motors are designed to run continuously and adapt to variable loads without compromising efficiency.

Each motor is backed by a 1-year warranty, supported by JAARIS' nationwide service network.

For more info, visit <https://www.jaaris.com/acmotors>

BUILT TO HANDLE THE LOAD.

WPA GEARBOXES



We offer a rugged selection of WPA worm gearboxes, engineered to deliver smooth torque transfer, compact performance, and lasting durability in every rotation. Designed to integrate effortlessly with electric motors, our gearboxes are trusted by industries across Sri Lanka.

Sizes & Configurations

Our WPA series gearboxes are compatible with single-phase and three-phase motors and are available in a wide range of sizes and ratios to meet diverse load requirements and space constraints:

Available Sizes: 40, 50, 60, 70, 80, 100, 120, 135

Each size is optimized for:

- High torque output with compact footprint
- Right-angle power transmission for efficient space use
- Smooth, quiet operation under variable loads
- Modular compatibility with standard IEC motors and flanges

Built with robust cast-iron housings and precision-machined gears, WPA gearboxes ensure excellent wear resistance and long operational life — even in demanding environments. From conveyors to mixers, packaging lines to process equipment, our gear reducers are relied on by factories across Sri Lanka for consistent and efficient power delivery.

Each gearbox is factory tested, supported by a 1-year warranty and backed by JAARIS' nationwide service network — ensuring performance continuity and reliable field support.

For more info, visit <https://www.jaaris.com/contact>

TRUSTED ACROSS INDUSTRIES.

PNEUMATICS



Precision airflow is essential to keeping industrial systems moving efficiently. That's why we offer a complete range of high-performance pneumatic components designed to ensure accurate control, consistent pressure, and long-term reliability across any application. From fittings and tubing to FRL units, solenoid valves, and cylinders, every component is selected to meet the demands of industries that require more – more speed, more uptime, more accuracy.

Built for Industrial Environments

Our pneumatic solutions are engineered for smooth integration into factory automation and process control systems:

- Fittings for secure, leak-free connections
- Tubing in multiple sizes and materials for flexibility and strength
- FRL units that condition and protect downstream equipment
- Solenoid valves for fast, precise actuation
- Cylinders built for consistent motion and load handling

Whether it's operating a single actuator or managing a complete air line system, our pneumatic range supports performance, adaptability, and system efficiency – trusted by manufacturers across Sri Lanka for everything from assembly lines to material handling.

Each product is stocked for quick dispatch, with the support of our experienced technical team and islandwide delivery. Backed by JAARIS' trusted service standards, our pneumatics ensure industrial reliability – one connection at a time.

For more info, visit <https://www.jaaris.com/pneumatics>

SMART SENSORS. SMARTER SYSTEMS.

INDUSTRIAL SENSORS



Our sensor range—featuring inductive, photoelectric, capacitive, and magnetic reed switch sensors—brings accuracy, consistency, and real-time responsiveness to factory environments.

Engineered for Smart Factories

Each sensor is built to deliver consistent, high-speed detection, even in harsh industrial conditions. Whether it's position sensing on an assembly line or object detection in packaging, our sensors ensure every signal counts.

- Inductive Sensors – Accurate metal detection with zero contact
- Photoelectric Sensors – Reliable object sensing over distance
- Capacitive Sensors – Detect solids, powders, and liquids with ease
- Magnetic Reed Switches – Compact and responsive, ideal for pneumatic cylinders and actuation feedback

Available in PNP / NPN, Normally Open / Normally Closed configurations, with multiple diameter and sensing distance options, our sensors seamlessly integrate into PLCs and HMIs, support predictive maintenance strategies, minimize downtime, and increase operational efficiency—across every machine and process.

Each sensor is available for immediate dispatch, supported by our experienced technical team and reliable islandwide delivery.

For more info, visit <https://www.jaaris.com/industrial-sensors>

SMART TIMING. ACCURATE COUNTING.

DIGITAL COUNTERS / TIMERS



We provide industrial-grade CNTD digital counters and timers engineered for precision, durability, and seamless integration into automation systems. Designed for reliability in fast-paced environments, our devices are ideal for monitoring machine cycles, timing operations, and controlling repetitive processes across a wide range of applications.

Whether you're operating a high-speed production line or automating a standalone machine, our digital counters and timers offer the flexibility, accuracy, and efficiency modern factories require.

Key Features

- Wide voltage range: 100–240V AC
- High-speed input: up to 10kHz
- Supports NPN/PNP, contact, and voltage signals
- Bright 6-digit LED display
- Power failure memory backup
- Compact 48x96mm DIN size
- Low power consumption ($\leq 12\text{VA}$)
- Operates from -30°C to $+80^{\circ}\text{C}$
- CE and IEC compliant

Each unit is stocked for fast delivery, supported by JAARIS' technical team and backed by a 1-year warranty with nationwide service coverage.

For more info, visit <https://www.jaaris.com/contact>

CUSTOM DRIVE CONTROL PANELS

Designing and fabrication of control panels is the core of what we do. We pride ourselves on our ability to partner with industry-leading brands to incorporate top-quality products into our control panel designs.

Our team of experts understands that safety, functionality, and durability are critical factors in designing and fabricating control panels that meet the needs of our clients.

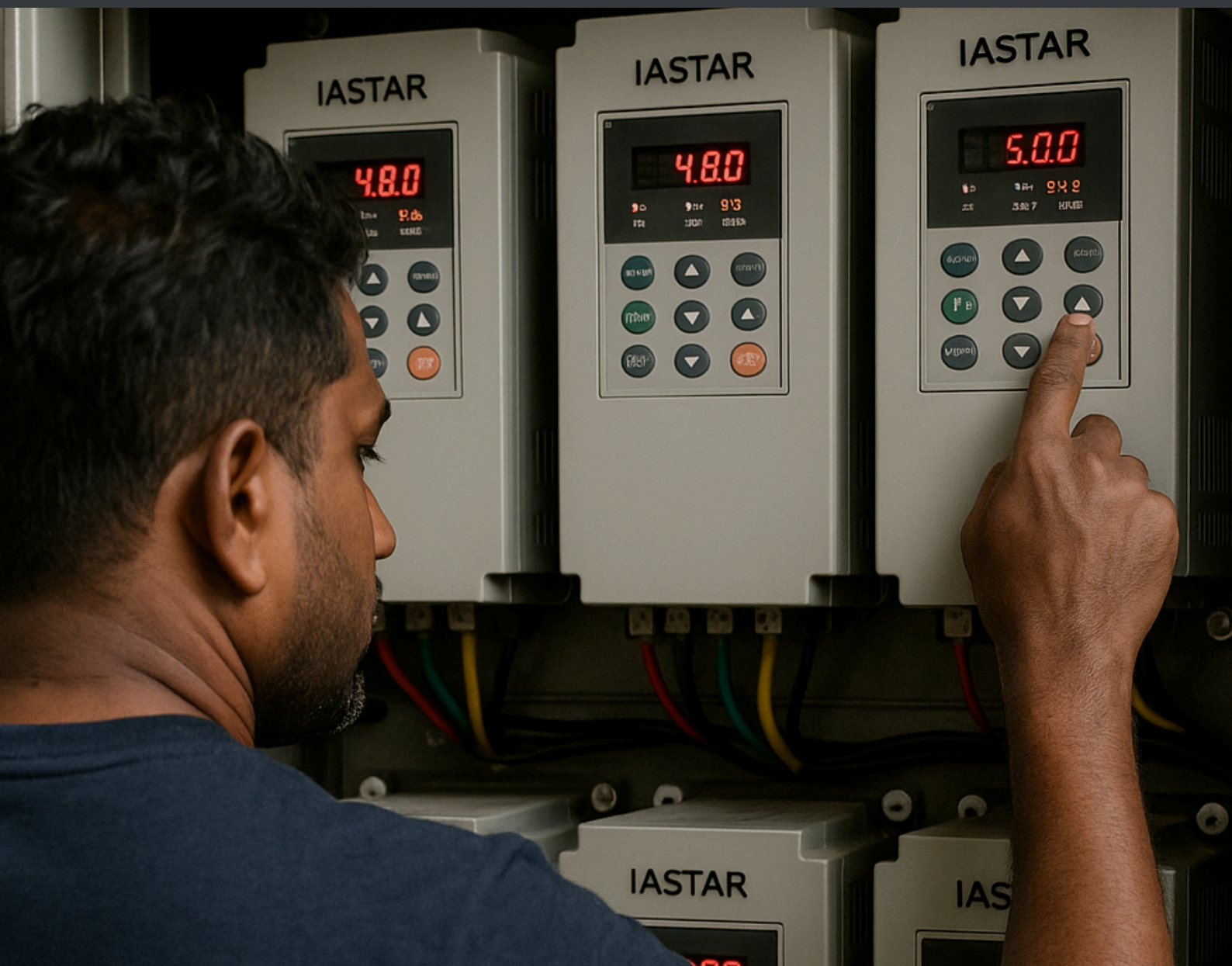
We take into consideration various factors, including heat calculations, environment, and sizing, to ensure that our designs are optimized for efficiency and performance.



VFD INTERGRATION

Industrial Drive Systems built by Jaaris are built to assist your team to control, monitor, and improve your processes. These systems are intended to operate automatically with little-to-no human interaction.

Jaaris will work with you to provide the best drive system based on your requirements. We will train you and your team on the hardware and controls that are included in the drive. Your drive will be ready to "plug and play" when delivered.



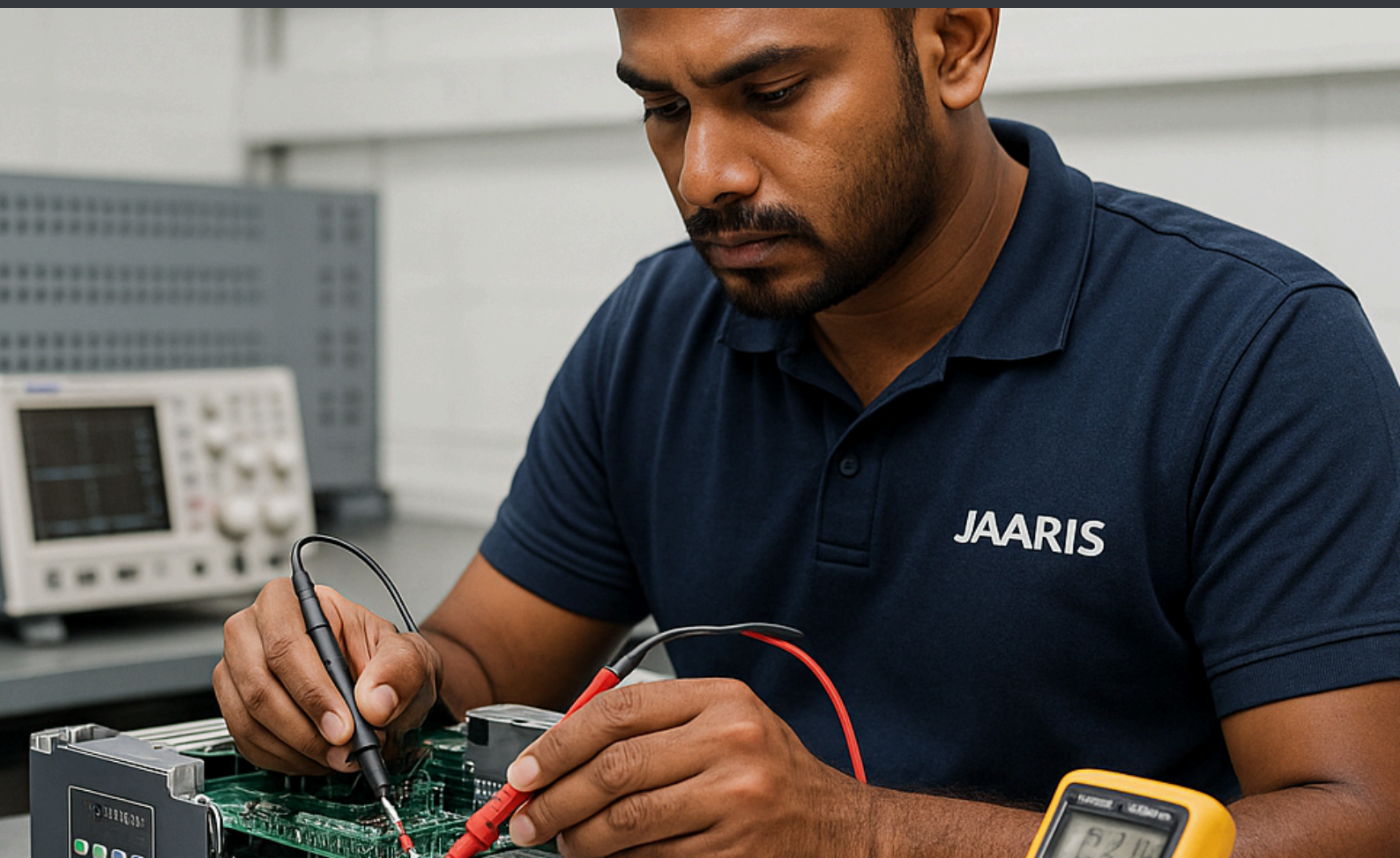
VFD REPAIR

As the authorized distributor and service partner for IASTAR VFDs, JAARIS delivers professional repair solutions designed to restore functionality, minimize downtime, and extend the operational life of your drive systems. Whether it's a power failure, control fault, or parameter loss, our team is equipped with the tools and expertise to diagnose, repair, and test IASTAR drives to factory-level performance.

Service Capabilities

- Full Diagnostic Testing
- Component-Level Repairs
- Parameter Recovery & Firmware Updates
- Thermal & Load Testing
- Genuine Parts Guarantee
- Fast Turnaround & Nationwide Support
- Service Documentation & Warranty Options

From light-duty to heavy-duty drives, JAARIS ensures every IASTAR VFD is returned to service with precision and care.



ON-SITE TROUBLESHOOTING & MAINTENANCE

We understand that equipment downtime directly impacts productivity. That's why we provide fast, expert-driven on-site troubleshooting and optimization services to diagnose, resolve, and fine-tune your automation systems – right where the problem occurs.

Whether you're facing unexplained drive faults, sensor malfunctions, or control instability, our engineers are equipped to deliver immediate, practical solutions with minimal disruption.

What We Offer:

- VFD Fault Diagnosis & Reset
- Parameter Optimization
- Motor Startup & Load Testing
- Control Panel Health Check
- PLC & HMI Communication Checks
- Environmental Assessment
- Temporary Bypass or Workarounds
- Detailed Service Reporting



TECHNICAL TRAINING & AFTER- SALES SUPPORT

At JAARIS, our commitment to customers doesn't end at the point of sale. We provide hands-on technical training and responsive after-sales support to ensure your team operates our systems with confidence – and your investment continues to perform at its best.

Our training programs and support services are tailored to meet the technical skill levels and real-world needs of plant operators, maintenance teams, and system integrators across various industries.

Technical Training Programs

- Drive Configuration & Parameter Setting
- Troubleshooting & Fault Handling
- Control Panel Familiarization
- Sensor & Pneumatic System Training



WWW.JAARIS.COM

INDUSTRIES SERVED

At JAARIS, our solutions are trusted across a wide range of industries — each with unique operational challenges and performance demands. From high-speed production lines to precision-controlled environments, our drive systems and automation components help power critical processes every day.

We proudly serve clients in:

- Automotive & Auto Components
- Food & Beverage Processing
- Textile & Garment Manufacturing
- Pharmaceutical & Medical Packaging
- Packaging & Printing
- Construction & Elevators
- Cement, Steel & Heavy Industry
- Water Treatment & Pumping Systems



WWW.JAARIS.COM

GEOGRAPHIC PRESENCE

Headquarters – Sri Lanka

Located in Sapugaskanda and Kandy, our Sri Lankan headquarters serves as the central hub for engineering, sales, and service operations. With a fully equipped facility and a dedicated technical team, we provide nationwide support to factories and OEMs with rapid delivery, on-site service, and expert consultation.

Regional Expansion – South Asia

As part of our strategic growth, JAARIS has been appointed as the official distributor and service agent of IASTAR Variable Frequency Drives across key South Asian markets – including India, Pakistan, Bangladesh, and Myanmar. This expansion enables us to extend our engineering excellence and product reliability to industrial clients throughout the region.

Regional Partner Network

We are actively building a network of distributors and local agents across South Asia to ensure that JAARIS products, expertise, and support are always within reach – no matter the location. Our mission is to deliver the same standard of trust, performance, and service across the region as we proudly do in Sri Lanka.

If you're a company or individual interested in representing JAARIS in your territory, we welcome you to connect with us.

Email: sales@jaaris.com

CONTACT US

Whether you're seeking a drive solution, technical support, or a reliable automation partner, we're here to help. Reach out to our team for inquiries, quotations, or collaboration opportunities.

Head Office:

No.786/5, Samurdhi Mawatha, Heiyanthudawa, Sri Lanka.

No.283/A 1, Ambathelalla Road, Muruthagahamula, Kandy, Sri Lanka.



Phone:

+94 76 701 5546 / +94 76 045 8744



Email:

sales@jaaris.com



Website:

www.jaaris.com



Visit Us:

Tap the [Google Maps link](#) or scan the QR code to get directions to our head office.

