

TOSHIBA

MOTORS, DRIVES, CONTROLS & INDUSTRIAL AUTOMATION

Industrial Solutions

**LOW & MEDIUM
VOLTAGE**



SINGLE SOURCE SOLUTION FOR INDUSTRIAL APPLICATIONS

Toshiba International Corporation (TIC) is proud to be a single-source provider of electric motors, adjustable speed drives, motor control systems, and industrial automation. Known for our quality, performance, and reliability, Toshiba solutions are a preferred choice in demanding applications. With the knowledge and experience to optimize operations and develop a preventive maintenance plan, Toshiba can help reduce maintenance costs and increase uptime. Our in-house capabilities include:

- Research & Development
- Engineering
- Manufacturing
- Technical Sales
- Product & Application Support
- Customer Service
- Project Management
- Field Services & Preventive Maintenance
- Product & Field Service Training

SUPERIOR STANDARDS

Toshiba provides a comprehensive range of low and medium voltage motors, adjustable speed drives, controls, and industrial automation solutions. Renowned for their quality, performance, and durability, these products are engineered to meet the most demanding applications across virtually any industry and environment.

Our unparalleled US-based support covers every phase—from initial design and manufacturing to post-installation assistance. Additionally, we maintain a stock of hard-to-find medium voltage drives and motors to address urgent shutdown situations promptly.

MOTORS

- Low Voltage Motors: 1/2 to 800 HP & 230 to 575 V
- Medium Voltage Motors: 100 to 50,000 HP & 2,300 to 13,800 V
- **General Purpose EQP Global[®] Series LV Motors:** Designed for a broad range of industrial applications, EQP Global Series motors offer a robust and premium construction that surpasses industry standards, including a heavy-duty cast-iron frame and bearing brackets, along with oversized 300 series bearings on both ends.
- **Definite Purpose LV Motors:** Engineered to perform in Quarry Duty, Brake, Cooling Tower, and Close-Coupled Pump applications that require high torque, enclosure protection, and custom features.
- **General Purpose MV Motors:** Stand as some of the toughest motors in the industry, these motors are available in open drip proof, weather-protected type I and II, totally enclosed fan cooled, and totally enclosed air-to-air cooled enclosure.



ADJUSTABLE SPEED DRIVES (ASD)

- Low Voltage Drives: Fractional to 1,500 HP & 230 to 690 V
- Medium Voltage Drives: 300 to 11,000 HP & 2,400 to 6,900 V
- **AS3 General Purpose:** Advanced low voltage drive ideal for Internet of Things (IoT) and Industry 4.0 Automation Applications where enhanced real-time communications are required.
- **Plus Pack Outdoor:** For low voltage outdoor applications in harsh conditions, provides reliable control and precision.
- **S15 Microdrive & NC3 Nanodrive:** High-performance drives designed for industrial applications, featuring a small footprint and competitive pricing.
- **T300MV2® General Purpose:** Advanced medium voltage drive featuring five-level pulse width modulation with neutral-point clamping technology.
- **MTX2® Outdoor:** Medium voltage drive designed for outdoor installations, ideal for remote locations and extreme environments.



CONTROLS

- **TE Series Soft Starters:** High-end, digitally programmable, reduced voltage soft starters for low voltage heavy duty applications.
- **TE-H Combination & TE-B MLO & Combination Series:** TE-H Series incorporates the TE Series soft starters into a heavy duty enclosure, ready to perform right out-of-the-box.
- **JK Series Solid State Starters:** Medium voltage controller in a compact design available for both indoor and outdoor enclosure ratings.
- **JK Sync-Xfer:** Integrates MV ASDs with control gear to transfer motor power from ASD to utility power reducing system costs.
- **Vacuum Contactors:** Compact medium voltage contactors with a patented bolt pressure isolation switch, designed for motor and distribution applications.
- **Vacuum Circuit Breakers:** Toshiba's state-of-the-art vacuum technology provides a full range of voltages and interrupting ratings with high reliability and service.

INDUSTRIES SERVED

- Agribusiness
- Cement & Aggregate
- Chemical
- Data Centers
- Food, Beverage & Pharmaceutical
- HVAC
- Metal Working & Processing
- Mining & Minerals
- Oil & Gas
- Power Generation
- Pulp & Paper
- Water & Wastewater

INDUSTRIAL AUTOMATION

- **Electromagnetic Flow Meters:** Backed by a 10-year warranty, offer exceptional accuracy (0.02%), built-in surge protection, and require minimal straight pipe run.
- **Microwave Density Analyzers:** Features true percent total solids measurement, enhanced control, and improved product consistency, making it ideal for potential operational cost savings.
- **Programmable Logic Controllers (PLCs):** Provides comprehensive automation solutions featuring Operator Interface Stations and PLCs that can be selected to support a wide range of systems, from simple sequence control to large-scale processes.
- **Distributed Control Systems:** Engineered for high-reliability and advanced control performance to help maximize productivity while minimizing process inefficiencies.



CERTIFICATIONS

With a variety of both North American and International third-party certifications, Toshiba has the products that meet the requirements of several demanding industries.

- CSA®
- UL Listed in U.S. & Canada
- ISO® 9001
- IEEE®

TOSHcare® LIFECYCLE SERVICES

Adjustable Speed Drives are indispensable in modern facilities, where their efficient operation is essential for maintaining productivity and minimizing downtime. TOSHcare® Lifecycle Services takes a proactive approach to addressing common issues that cause unscheduled interruptions. By extending equipment lifespan and safeguarding against component obsolescence, TOSHcare enhances reliability and delivers substantial operational cost savings. This strategic maintenance improves bottom lines by maximizing the return on investment for these critical assets. Investing in TOSHcare is a smart move for any facility committed to avoiding possibly preventable failures. TOSHcare services include:

- Preventive Maintenance Contracts
- TOSHcare Power Module Reconditioning Program
- Upgrade Services
- TOSHcare Protection Plan

