

OSANTS

ELECTRIC SOLUTIONS

2026 CATALOG

CUSTOM ELECTRIC COMPONENT SOLUTIONS

PRECISION ENGINEERED
FOR EVERY INDUSTRY

PROM CONCEPT TO PERFORMANCE.
BUILT TO POWER YOUR SUCCESS.



PREMIUM QUALITY
Built to the highest
international standards



PRECISION ENGINEERED
Designed for accuracy
and optimal performance




HIGH EFFICIENCY
Engineered to maximize
performance and save energy




RELIABLE & DURABLE
Built for long service life
and demanding conditions



WIDE APPLICATIONS
Solutions for industrial,
automotive, and commercial
applications

 www.osants.com

 (418) 845-8388

 projects@osants.com



**DOWNLOAD
CATALOG**

INDUSTRY APPLICATIONS

INDUSTRIES WE SERVE

ENGINEERED SOLUTIONS.
REAL-WORLD IMPACT.

Our advanced motion control products power critical applications across a wide range of industries.

OSANTS
ELECTRIC SOLUTIONS



MANUFACTURING



- ✓ Assembly automation
- ✓ CNC machinery
- ✓ Packaging equipment



AUTOMOTIVE



- ✓ Production lines
- ✓ Material handling
- ✓ Test systems



FOOD & BEVERAGE



- ✓ Conveyors
- ✓ Packaging systems
- ✓ Processing equipment



OIL & GAS



- ✓ Pumping systems
- ✓ Control equipment
- ✓ Hazardous environments



RENEWABLE ENERGY



- ✓ Solar tracking
- ✓ Wind systems
- ✓ Energy storage



MEDICAL & LABORATORY



- ✓ Diagnostic equipment
- ✓ Automation systems
- ✓ Precision instruments

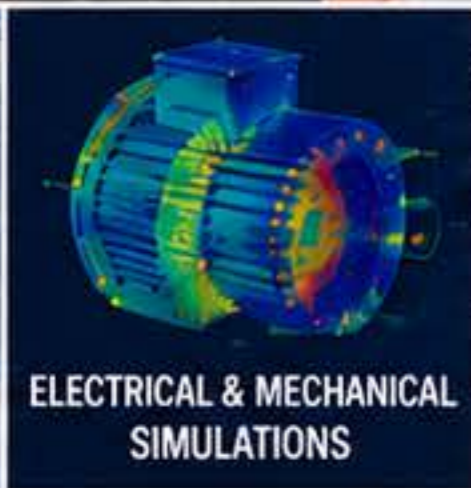
HOW ELECTRIC COMPONENTS ARE MADE

FROM DESIGN TO PERFORMANCE

1 ENGINEERING & DESIGN Conceptualize. Simulate. Optimize.



CAD DESIGN




ELECTRICAL & MECHANICAL SIMULATIONS



MATERIAL SELECTION

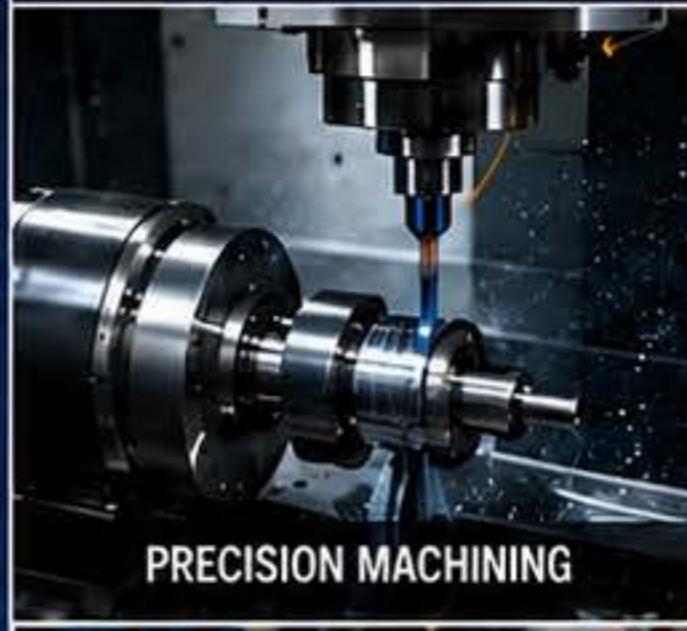
 Product concept development

 Electrical and mechanical simulations

 Material selection

 Performance testing protocols

2 MANUFACTURING Precision. Quality. Consistency.



PRECISION MACHINING



MOTOR WINDING



WIRE HARNESS ASSEMBLY



AUTOMATED PRODUCTION LINE

 Precision machining

 Copper winding

 Component assembly

 Quality control inspections

3 TESTING & VALIDATION Ensure Reliability. Deliver Performance.



DYNAMOMETER TESTING



ELECTRICAL TESTING



THERMAL ANALYSIS



DURABILITY TESTING

 Load testing

 Voltage and current verification

 Durability testing

 Compliance certification

OSANTS

ELECTRIC SOLUTIONS

YOUR TRUSTED ELECTRIC SOLUTIONS PARTNER

OSANTS delivers innovative electric motion and control solutions designed to improve productivity, precision, and operational efficiency.



PREMIUM QUALITY

Manufactured to international standards.



PRECISION ENGINEERED

Tight tolerances for optimal performance.



WIDE APPLICATIONS

Solutions for industrial, automation, and energy systems.



RELIABLE & DURABLE

Built for long service life and demanding conditions.

PRODUCT CATEGORIES OVERVIEW



AC MOTORS

High-efficiency industrial motors



DC MOTORS

Precision speed-control motors



OTHER MOTORS

Specialized motor solutions



WIRE HARNESSES

Custom electrical connectivity



ELECTRIC CLUTCHES & SOLENOIDS

Motion engagement systems



ACTUATORS

Linear motion solutions



DRIVES & CONTROLLERS

Intelligent motor control



DC MOTORS

PRECISION. POWER. PERFORMANCE.

High-performance DC motors engineered for precision, efficiency, and reliability.

FEATURES

-  Precise speed control
-  High torque output
-  Compact design
-  Smooth operation
-  Automated systems

APPLICATIONS

-  Robotics
-  Medical equipment
-  Material handling
-  Industrial machinery
-  Automated systems

BENEFITS

-  Accurate positioning
-  Fast response times
-  Excellent controllability
-  High efficiency
-  Long service life



ENERGY TO MOTION.
BUILT TO EXCEL.



POWERING INNOVATION.
DRIVING PERFORMANCE.



EFFICIENT BY DESIGN.
POWERFUL BY NATURE.








ENGINEERED ELECTRIC.
BUILT FOR TOMORROW.

AC MOTORS

PRECISION. POWER. PERFORMANCE.

High-performance AC motors engineered for precision, efficiency, and reliability.

FEATURES

-  High efficiency
-  High starting torque
-  Compact design
-  Smooth operation
-  Built for durability

APPLICATIONS

-  Pumps
-  Compressors
-  Conveyors
-  Industrial machinery
-  HVAC systems

BENEFITS

-  Energy savings
-  Long service life
-  Reliable operation
-  Low noise & vibration
-  Low maintenance



ENERGY TO MOTION.
BUILT TO EXCEL.



POWERING INNOVATION.
DRIVING PERFORMANCE.



EFFICIENT BY DESIGN.
POWERFUL BY NATURE.



ENGINEERED ELECTRIC.
BUILT FOR TOMORROW.

OSANTS

ELECTRIC SOLUTIONS

SPECIALIZED MOTOR SOLUTIONS

ENGINEERED FOR PRECISION. BUILT FOR PERFORMANCE.

OVERVIEW

Tailored motor solutions designed to meet the most demanding application requirements. From concept to commissioning, we deliver reliability, efficiency, and long-term value.



PRODUCT SOLUTIONS

- ✓ Custom Motor Design
- ✓ High-Performance Motors
- ✓ Precision Motion Systems
- ✓ Integrated Motor Assemblies
- ✓ Application-Specific Solutions



CUSTOM MOTOR
DESIGN



HIGH-PERFORMANCE
MOTORS



PRECISION MOTION
SYSTEMS



INTEGRATED MOTOR
ASSEMBLIES



APPLICATION-SPECIFIC
SOLUTIONS

APPLICATIONS

- ✓ Robotics & Automation
- ✓ Medical Equipment
- ✓ Aerospace & Defense
- ✓ Packaging Machinery
- ✓ Energy & Power Systems
- ✓ Specialized Industrial Systems



ROBOTICS &
AUTOMATION



MEDICAL
EQUIPMENT



AEROSPACE &
DEFENSE



PACKAGING
MACHINERY



ENERGY & POWER
SYSTEMS



SPECIALIZED
INDUSTRIAL SYSTEMS

BENEFITS

- ✓ Optimized Performance
- ✓ Engineered Reliability
- ✓ Energy Efficiency
- ✓ Long Service Life
- ✓ Total Lifecycle Support



OPTIMIZED PERFORMANCE

Solutions tailored for peak efficiency and precision.



ENGINEERED RELIABILITY

Built to perform consistently in the most demanding environments.



ENERGY EFFICIENCY

Designed to reduce energy consumption and operating costs.



LONG SERVICE LIFE

High-quality materials and rigorous testing ensure extended service life.



TOTAL LIFECYCLE SUPPORT

From engineering to after-sales support, we're with you every step of the way.



ENERGY TO MOTION.
BUILT TO EXCEL.



POWERING INNOVATION.
DRIVING PERFORMANCE.



EFFICIENT BY DESIGN.
POWERFUL BY NATURE.



ENGINEERED ELECTRIC.
BUILT FOR TOMORROW.

WIRE HARNESSSES

BUILT FOR CONNECTION. ENGINEERED FOR PERFORMANCE.

Custom wire harness solutions designed for complex systems and demanding environments. Built to deliver reliable performance and seamless integration.

FEATURES

- Custom engineered
- High reliability
- Durable construction
- Precision assembly
- Quality materials
- Short lead times

APPLICATIONS

- Automotive
- Industrial equipment
- Medical devices
- Aerospace & defense
- Energy systems
- Robotics & automation

BENEFITS

- Reliable performance
- Cost effective
- Design flexibility
- Easy integration
- Long service life
- Global standards



POWERING CONNECTIONS.
BUILT TO PERFORM.



ENGINEERED SOLUTIONS.
DELIVERING RELIABILITY.



EFFICIENT BY DESIGN.
POWERFUL BY NATURE.



ENGINEERED ELECTRIC.
BUILT FOR TOMORROW.

ELECTRIC CLUTCHES AND SOLENOIDS

ENGINEERED TO ENGAGE. BUILT TO PERFORM.

High-performance electric clutches and solenoids designed for precise control, durable operation, and seamless integration in demanding industrial applications.

FEATURES

-  Precise engagement
-  Fast response time
-  High torque capacity
-  Low maintenance
-  Compact design
-  Long service life

APPLICATIONS

-  Industrial machinery
-  Automotive systems
-  Material handling
-  Robotics & automation
-  Packaging equipment
-  HVAC systems

BENEFITS

-  Reliable performance
-  Energy efficient
-  Consistent operation
-  Reduced downtime
-  Easy integration
-  Cost effective

ELECTRIC CLUTCHES

- High Torque
- Precision Control
- Durable Design



SOLENOID SOLUTIONS


- Fast Response
- High Efficiency
- Reliable Operation





PERFORMANCE DATA






 **POWERING MOTION.
BUILT TO PERFORM.**

 **ENGINEERED SOLUTIONS.
DELIVERING RELIABILITY.**

 **EFFICIENT BY DESIGN.
POWERFUL BY NATURE.**

 **ENGINEERED ELECTRIC.
BUILT FOR TOMORROW.**

DRIVES AND CONTROLLERS

PRECISION CONTROL. MAXIMUM PERFORMANCE.

Advanced drives and controllers engineered for precise motor control, maximum efficiency, and seamless integration in demanding industrial applications.

FEATURES

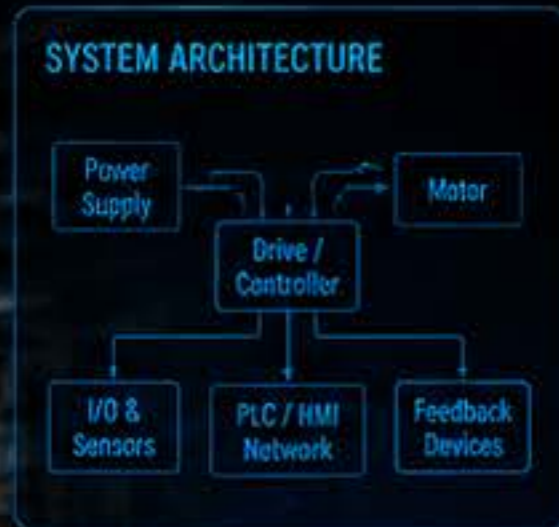
-  High performance
-  Precise control
-  Energy efficiency
-  Compact design
-  Built-in protection
-  Easy commissioning
-  Wide power range

APPLICATIONS

-  Industrial automation
-  Conveyor systems
-  Pumps & fans
-  HVAC systems
-  Packaging machinery
-  Robotics & motion
-  Material handling

BENEFITS

-  Improved productivity
-  Reduced energy usage
-  Extended equipment life
-  Reliable operation
-  Flexible integration
-  Lower total cost
-  Consistent performance



POWERING MOTION.
BUILT TO PERFORM.



ENGINEERED SOLUTIONS.
DELIVERING RELIABILITY.



EFFICIENT BY DESIGN.
POWERFUL BY NATURE.



ENGINEERED ELECTRIC.
BUILT FOR TOMORROW.

OSANTS

ELECTRIC SOLUTIONS

ACTUATORS

MOTION. CONTROL. PERFORMANCE.

High-performance electric actuators engineered for precise motion control, durability, and seamless integration in demanding applications.

FEATURES

-  Precise positioning
-  High force output
-  Compact design
-  Smooth operation
-  High duty cycle
-  Sealed for reliability

APPLICATIONS

-  Industrial automation
-  Robotics
-  Aerospace & defense
-  Medical equipment
-  Energy systems
-  Material handling

BENEFITS

-  Accurate control
-  Increased productivity
-  Long service life
-  Low maintenance
-  Energy efficient
-  Easy integration



POWERING MOTION.
BUILT TO PERFORM.



ENGINEERED SOLUTIONS.
DELIVERING RELIABILITY.



EFFICIENT BY DESIGN.
POWERFUL BY NATURE.



ENGINEERED ELECTRIC.
BUILT FOR TOMORROW.



YOUR TRUSTED ELECTRIC SOLUTIONS PARTNER

WHY CHOOSE OSANTS?



PREMIUM QUALITY

Manufactured to international standards.



PRECISION ENGINEERED

Tight tolerances for optimal performance.



WIDE APPLICATIONS

Solutions for industrial, automation, and energy systems.



RELIABLE & DURABLE

Built for long service life and demanding conditions.



GET IN TOUCH



HEADQUARTERS
OSANTS Inc.
Quebec, Canada



PHONE
(418) 845-8388



EMAIL
projects@osants.com



WEBSITE
www.OSANTS.com



DOWNLOAD CATALOG

POWERING PROGRESS TOGETHER

Quality. Precision. Reliability. That's OSANTS.