

OSANTS

2026 CATALOG

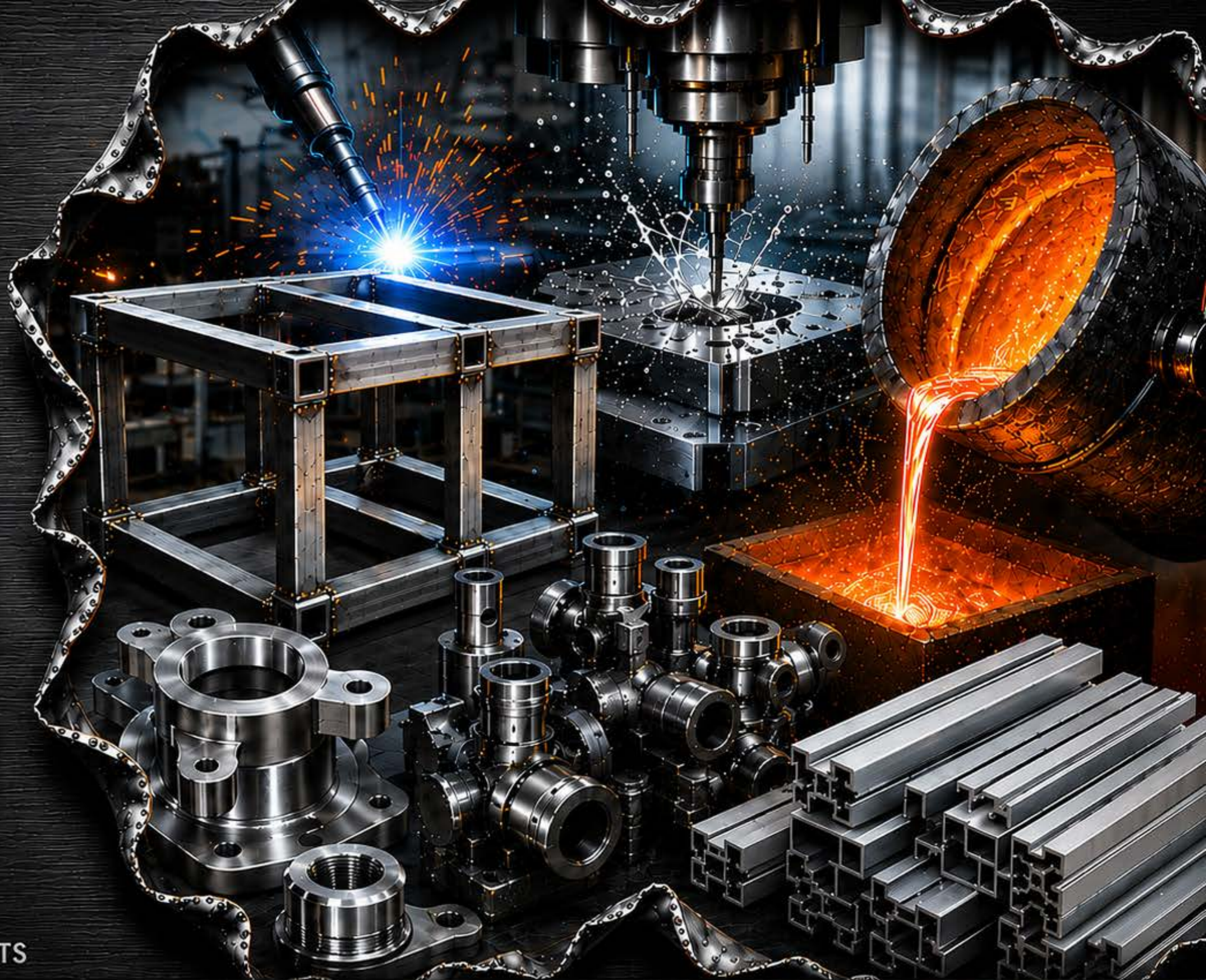
CUSTOM METAL COMPONENT SOLUTIONS

PRECISION ENGINEERED FOR EVERY INDUSTRY

*FROM RAW MATERIAL TO
PRECISION PERFORMANCE.*

- ✓ FABRICATIONS
- ✓ JOININGS
- ✓ CASTINGS
- ✓ MACHININGS

- ✓ CUTTINGS
- ✓ EXTRUSIONS
- ✓ TREATMENTS
- ✓ CUSTOM COMPONENTS



www.OSANTS.com



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OSANTS

METAL SOLUTIONS

INDUSTRY APPLICATIONS

Serving Critical Industries Worldwide



AEROSPACE

Precision machined and structural components.



AUTOMOTIVE

Production and aftermarket components.



ENERGY & POWER

Power generation and infrastructure components.



OIL & GAS

Valves, fittings, and heavy-duty equipment parts.



INDUSTRIAL AUTOMATION

Frames, extrusions, and machine components.



CONSTRUCTION

Structural and fabricated assemblies.



MEDICAL

Precision machined instruments and devices.



DEFENSE

Mission-critical engineered components.



PRECISION ENGINEERING



TIGHT TOLERANCES



ADVANCED MANUFACTURING



QUALITY ASSURANCE

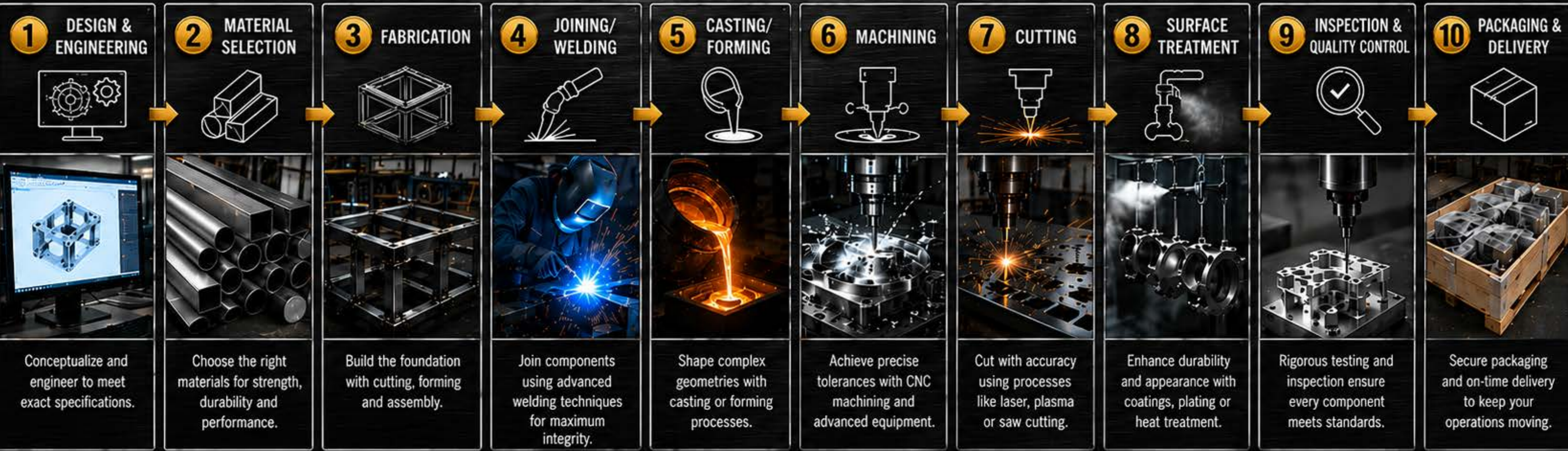


GLOBAL SUPPLY



CUSTOMER FOCUSED

OSANTS HOW METAL COMPONENTS ARE MADE



THE OSANTS ADVANTAGE



- PRECISION MANUFACTURING**
Advanced technology and skilled craftsmanship deliver components with tight tolerances and superior finishes.
- REPEATABILITY**
Consistent processes ensure the same high-quality results every time, for every order.
- SCALABILITY**
From prototypes to large production runs, we scale with your needs efficiently and cost-effectively.
- QUALITY CONTROL**
Rigorous inspection and testing at every stage ensures reliability, safety and long-lasting performance.

OSANTS






METAL SOLUTIONS

FABRICATIONS

STRUCTURAL & WELDED ASSEMBLIES

Custom fabricated structures designed for strength, durability, and assembly integration.

PRODUCTS

-  Machine Bases
-  Equipment Frames
-  Structural Assemblies
-  Support Structures
-  Welded Frames

MANUFACTURING METHODS

-  Welding
-  Forming
-  Assembly
-  Grinding

INDUSTRIES SERVED

-  Industrial Equipment
-  Automation
-  Material Handling
-  Energy



PRECISELY FABRICATED.
BUILT TO PERFORM.



CONSISTENT QUALITY.
TIGHT TOLERANCES.



CUSTOM SOLUTIONS.
FAST LEAD TIMES.



ENGINEERED FOR STRENGTH.
DESIGNED TO LAST.

OSANTS

METAL SOLUTIONS

JOININGS

PRECISION JOINING SOLUTIONS

Advanced joining processes ensuring structural integrity and long-term performance.

PROCESSES

-  MIG Welding
-  TIG Welding
-  Laser Welding
-  Brazing
-  Mechanical Fastening

ADVANTAGES

-  High Strength
-  Precision Alignment
-  Reduced Distortion

APPLICATIONS

-  Aerospace
-  Automotive
-  Heavy Equipment



PRECISELY JOINED.
BUILT TO PERFORM.



CONSISTENT QUALITY.
TIGHT TOLERANCES.



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OSANTS

METAL SOLUTIONS

CASTINGS

Complex Metal Cast Components

Near-net-shape components produced for complex geometries and cost-efficient manufacturing.

CASTING TYPES

-  Sand Casting
-  Investment Casting
-  Die Casting
-  Permanent Mold Casting

BENEFITS

-  Complex Shapes
-  Reduced Machining
-  High Production Efficiency

INDUSTRIES

-  Pump & Valve
-  Energy
-  Transportation



PRECISELY CAST.
BUILT TO PERFORM.



CONSISTENT QUALITY.
TIGHT TOLERANCES.



CUSTOM SOLUTIONS.
FAST LEAD TIMES.



ENGINEERED FOR STRENGTH.
DESIGNED TO LAST.

OSANTS

METAL SOLUTIONS

FORGINGS

Strength Formed by Precision

Forged metal components deliver exceptional strength, durability, and reliability. Our forging solutions produce high-performance parts for the most demanding industrial applications.

FORGING TYPES

-  Open Die Forging
-  Closed Die Forging
-  Ring Forging
-  Rolled Ring Forging

ADVANTAGES

-  Superior Strength
-  Grain Flow Integrity
-  Impact Resistance
-  High Fatigue Resistance

INDUSTRIES

-  Automotive
-  Aerospace
-  Energy & Power
-  Heavy Equipment
-  Oil & Gas



PRECISION FORGED.
BUILT TO PERFORM.



CONSISTENT QUALITY.
TIGHT TOLERANCES.



CUSTOM SOLUTIONS.
FAST LEAD TIMES.



ENGINEERED FOR STRENGTH.
DESIGNED TO LAST.

OSANTS

METAL SOLUTIONS

MACHININGS

PRECISION CNC MACHINED COMPONENTS

High-precision CNC machining for critical tolerances and superior finishes.

CAPABILITIES

-  CNC Milling
-  CNC Turning
-  Multi-Axis Machining
-  Drilling
-  Threading

TOLERANCES

-  Tight Precision Specifications
-  Prototype Through Production

APPLICATIONS

-  Aerospace
-  Medical
-  Industrial Automation



PRECISELY MACHINED.
BUILT TO PERFORM.



CONSISTENT QUALITY.
TIGHT TOLERANCES.



CUSTOM SOLUTIONS.
FAST LEAD TIMES.



ENGINEERED FOR STRENGTH.
DESIGNED TO LAST.

OSANTS

METAL SOLUTIONS

CUTTINGS

ADVANCED METAL CUTTING SERVICES

Precision cutting technologies for rapid and accurate component production.

TECHNOLOGIES

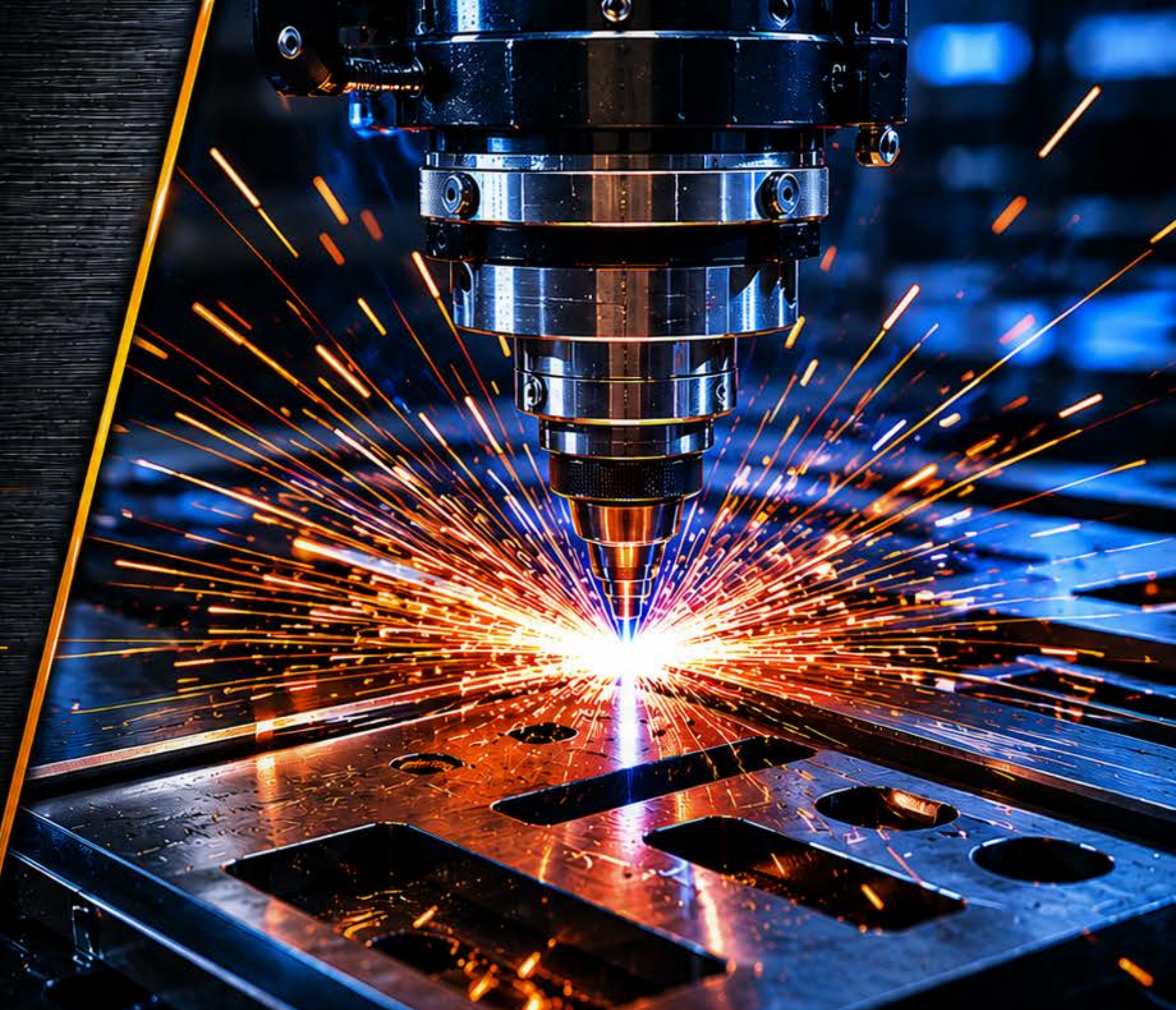
-  Laser Cutting
-  Waterjet Cutting
-  Plasma Cutting
-  Saw Cutting

BENEFITS

-  High Accuracy
-  Fast Production
-  Minimal Waste

INDUSTRIES

-  Construction
-  Manufacturing
-  Energy



**PRECISE CUTS.
BUILT TO PERFORM.**



**CONSISTENT QUALITY.
TIGHT TOLERANCES.**



**CUSTOM SOLUTIONS.
FAST LEAD TIMES.**



**ENGINEERED FOR STRENGTH.
DESIGNED TO LAST.**

OSANTS

METAL SOLUTIONS

Aluminum & Specialty Extrusions

Custom and standard extrusion profiles for structural and engineered applications.

PRODUCTS

-  T-Slot Profiles
-  Structural Extrusions
-  Heat Sink Profiles
-  Custom Shapes

BENEFITS

-  Lightweight
-  Corrosion Resistant
-  Design Flexibility

APPLICATIONS

-  Automation
-  Electronics
-  Architectural Systems



PRECISELY EXTRUDED.
BUILT TO PERFORM.



CONSISTENT QUALITY.
TIGHT TOLERANCES.



CUSTOM SOLUTIONS.
FAST LEAD TIMES.



ENGINEERED FOR STRENGTH.
DESIGNED TO LAST.

OSANTS

METAL SOLUTIONS

OTHERS / CUSTOM COMPONENTS

Specialized Metal Solutions

Custom-engineered components
manufactured to customer specifications.

EXAMPLES

-  Valve Bodies
-  Hydraulic Components
-  Specialty Fittings
-  Custom Assemblies
-  Prototype Parts

ENGINEERING SUPPORT

-  Reverse Engineering
-  DFM Analysis
-  Rapid Prototyping
-  Production Scaling



PRECISELY ENGINEERED.
BUILT TO PERFORM.



CONSISTENT QUALITY.
TIGHT TOLERANCES.



CUSTOM SOLUTIONS.
FAST LEAD TIMES.



ENGINEERED FOR STRENGTH.
DESIGNED TO LAST.

OSANTS

METAL SOLUTIONS

SURFACE FINISHING & PROTECTION

Surface enhancement solutions to improve appearance, durability, and performance.

TREATMENTS



POWDER COATING



ANODIZING



PLATING



PASSIVATION



HEAT TREATMENT



PAINTING

BENEFITS



CORROSION PROTECTION



WEAR RESISTANCE



IMPROVED APPEARANCE



ENHANCED PERFORMANCE.
BUILT TO LAST.



SUPERIOR PROTECTION.
MAXIMUM RELIABILITY.



CONSISTENT QUALITY.
EXCEPTIONAL FINISHES.



BUILT FOR YOUR STANDARDS.
DELIVERED ON TIME.



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ENGINEERING
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FROM CONCEPT TO COMPLETION.

