

BOYD

CORPORATION

WWW.BOYDCORP.COM

INDUSTRIAL SOLUTIONS



One Company, Many Solutions

Precision Converting Solutions

Boyd is an innovative precision converter with extensive experience in the Industrial market ranging from custom o-rings and complex hoses to acoustic insulation and high temperature gaskets that withstand harsh environments.

We turn concepts into components. From design to manufacturing to packaging and logistics, Boyd provides full-service solutions that transform your innovative ideas into reality.



Applications:

- Acoustic Insulation
- Bonding & Adhesive Systems
- Complex Multi-Stack Applications
- Conductive Foam for Gaskets & Seals
- Custom Hoses
- Custom & Standard O-Rings
- Display Conductivity & Protection
- Electrical Insulation
- EMI / RF Shielding & Absorption
- Environmental Gaskets & Seals
- Molded Rubbers & Plastics
- NVH
- Optical Films
- Screen & Surface Protectors
- Thermal Interface Materials



Quick-Turn Prototyping

Our dieless CNC Laser, Knife, and Waterjet prototyping systems, with Flashnesting software, allow us to quickly convert drawings to prototype parts without the need of tooling. Same or next day samples are often achievable.

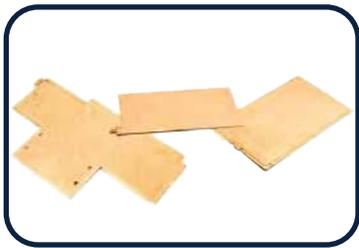
Environmental Sealing

Environmental sealing is a crucial solution to protect and seal your product from extreme temperatures and weather conditions. Boyd's wide portfolio of sealing solutions are converted to extremely precise geometries for each application to ensure optimized sealing and a longer lifespan for your product.

Thermal Solutions

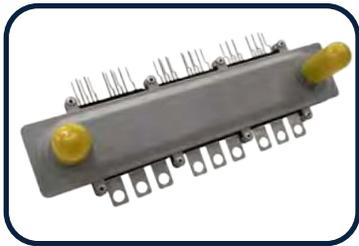
Aavid, Thermal Division of Boyd Corporation, provides solutions and services, utilizing both traditional cooling and breakthrough technologies ranging from standard heat sinks to fully custom two phase or liquid systems.

Aavid meets the challenge of thermal control for applications involving increased power, extreme heat loads, and tighter space constraints.



Applications:

- Battery Module Cooling
- Inverters & DC/DC Converters
- IGBT Cooling
- LED Lighting



Technologies:

- Blowers
- Chassis & Enclosures
- Chillers
- Die Casting
- Extruded Heat Sinks
- Heat Exchangers
- Heat Pipe Assemblies
- Heat Sink Assemblies
- Heat Shielding
- Liquid Cooling Systems
- Two Phase Cooling
- Thermal Interface Materials



Integration of Technology

Industrial OEMs are integrating more cooling technologies for instrument and computer chip testing with high thermal loads. To address these thermal challenges for smart automation, electrical power generation and other industrial market applications, Boyd designs and manufactures durable thermal solutions and systems for high-performance cooling.

Thermal Management

By integrating and optimizing a wide range of cooling technologies, Aavid engineers develop smarter, more reliable thermal systems to meet your application needs, including power conversion solutions, heat shielding, and LED cooling.



Providing Solutions To Complex Problems

Boyd's fully integrated precision converting and thermal management capabilities are from multi-faceted facilities in the US, Asia, and Europe, providing competitive solutions for a wide range of applications. Boyd offers total solutions with deep material selection expertise, innovative manufacturing technologies and easy-to-integrate production parts with tight tolerances. Converting and fabrication capabilities include rotary and flatbed precision converting, laser and water jet for quick turn prototyping, laminating, slitting, 3D modeling, CNC machining, brazing, welding and other fabrication techniques. Boyd can assist in selecting the most cost-effective material solutions while supporting the design of your solutions within the most comprehensive manufacturing and assembly operations in the industry. The result is a reliable, consistent production execution at the highest quality.

Quality & Processing

Boyd helps you exceed industry standards, regulations and environmental protection goals while maximizing long-term performance and reliability. We put quality first. Our design & production facilities have extensive knowledge of Industrial and Manufacturing OEMs, regulatory, third party and MRO specifications. Nearly all of our facilities are certified to ISO 14001 and ISO 9001 specifications for safety and contingency planning.

Design Engineering

Boyd maintains design centers around the world dedicated to innovative thermal and sealing design solutions as well as product integration. These engineers work closely with our customers and manufacturing teams to provide a streamlined product life cycle from conception to prototyping to production and even to end of life management or retrofitting. Our design centers include both general and specialized teams focused on solutions that improve performance and reliability, regulate lighting and temperature, seal devices from ingress and guard electronics.

Global Capacity

With production facilities strategically located around the world, Boyd is uniquely positioned to support your needs. No matter where you are designing or building products around the world, we are there to support with design assistance, converting and metal fabrication, immediate customer service, local warehousing, and just-in-time delivery and logistics services efficiently and in close proximity to your R&D and production locations.

Global Presence



Corporate Headquarters

5960 Inglewood Dr. Suite 115
Pleasanton, CA 94588
+1(888)244-6931

Industrial Facilities

Boyd Corporation is a trusted partner for quality industrial manufacturing. Our specialized facilities team up with original equipment manufacturers to make complex logistics more efficient through regional hubbing of globally manufactured products, helping customers access global best cost solutions with the convenience of localized inventory. As the go-to supplier for world-class sealing, thermal, and protection solutions, Boyd Corporation supports industrial markets by providing solutions for devices, lighting, and machinery that lead to higher productivity and greater safety.

Boyd America

Our highly-trained North American support teams are here to assist with your program management requirements, material selections, product design, commodity management, application engineering and raw material or finished goods testing. Our cross-functional team can be tailored to your unique needs and will closely monitor your initiatives and new programs, while ensuring tight management of new product introduction, volume production and delivery deadlines.

Arkansas • California (4) • Connecticut • Georgia • Indiana • Massachusetts (2) • Michigan
New Hampshire • New York • Oregon • Pennsylvania • South Carolina • Tennessee • Wisconsin

Boyd Europe

Our engineers have decades of research and develop experience to provide European customers with the highest quality custom technologies. Boyd excels in rapid prototyping and regional design services deployed for global mass production. We offer sophisticated order management that caters to your custom EDI or supply portal needs with just-in-time stocking and delivery support. Boyd delivers high touch customer service in a global environment, optimized for your complex value chains.

Italy • Germany • United Kingdom

Boyd Asia

With operations spread across Asia, Boyd's global manufacturing footprint, engineering design centers and clean room capabilities from Class 100 to Class 100,000 provide consistent quality, speed and cost-effectiveness with centers of excellence and quality management systems to meet the unique needs of highly diversified industries, providing Asia-Pacific customers as well as global OEMs reliability throughout the product life cycle.

China (4) • India (3) • South Korea • Taiwan (2) • Thailand • Vietnam