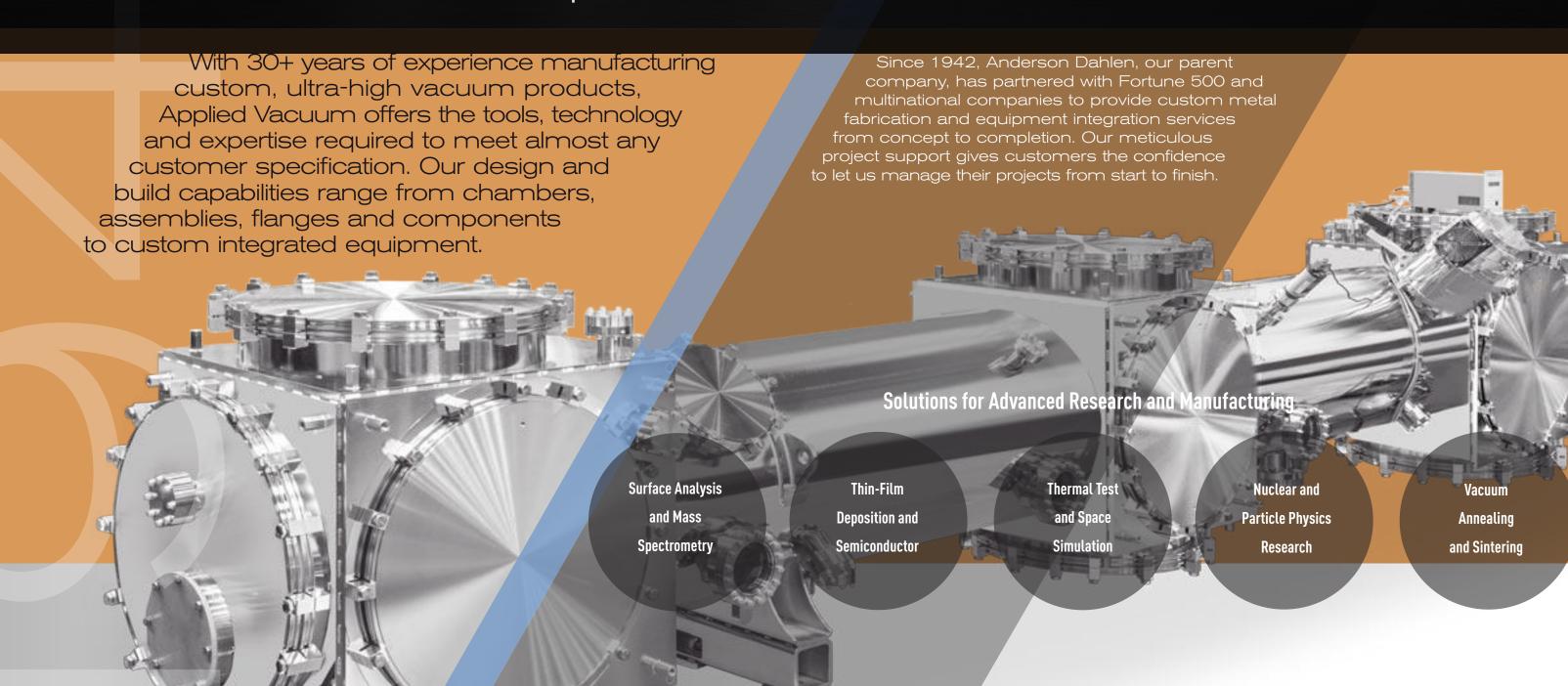
>VACUUM

WE MANUFACTURE CUSTOM CHAMBERS, INTEGRATED EQUIPMENT, FLANGES AND COMPONENTS. Advancing the Science of Vacuum Technology

Getting it exactly right in custom vacuum product fabrication.



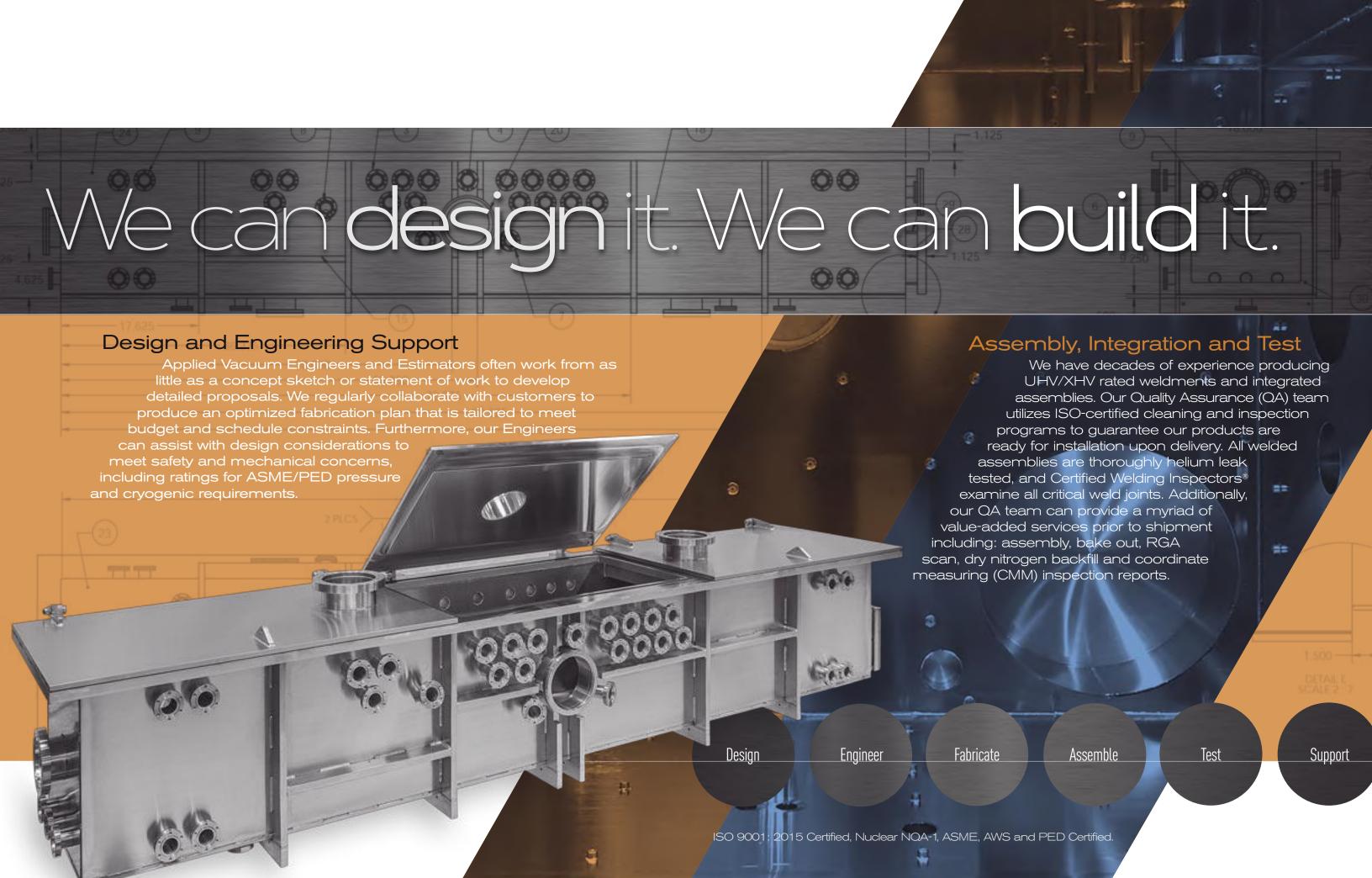
and all strial to XHV and all points in between.

emponents, ons ranging ome-high nave the oduction

Vacuum Ranges of 1x10⁻³ Torr to 1x10⁻¹³ Torr

Up to 20' Length and 14' Diameter Integrated Water Cooling

ASME/PED Pressure and Cryogenic Rated Designs Stainless Steel, Aluminum, Titanium and Specialty Alloys



Custom vacuum equipment.

Integrated Solutions

■ Basic

Chamber, frame, pumps and plumbing with solenoid actuated valve options, assembled and ready for use.

■ Intermediate

All basic elements plus controls and pressure gauging. Options include manual switch panels or touch panel HMI systems.

Complex

A fully integrated system including pumps, power supplies, sources, instrumentation and controls with PC-based interface for recipe-driven process control, data logging and reporting. Options include heaters, chillers, deposition sources and in-situ measurement.

Quality components for critical applications.

Custom Flanges and Components

Applied Vacuum can add custom features to standard flanges or fabricate turnkey items from 300 series Stainless Steels (including 316LN ESR); specialty alloys such as Nitronic®, Inconel® and Hastelloy®, as well as OFHC Copper, Titanium, Aluminum, Niobium and Molybdenum.

Most vacuum systems include unit designed components such as base plates, hinged doors, domed lids and frames. We can design and manufactuall of these and more, as separate items or as part of an integrated assembly.

Applications Engineers Can Help

We can design, build and integrate custom components and fittings of any size or complexity. From a simple, custom length nipple to a complex baseplate assembly with multiple ports and features, contact our experienced Applications Engineers at info@andersondahlen.com or 852-763-4700 to get the conversation started.

Custom Flanges and Complex Adaptors

Baseplates, Lids and Doors

Welded Stainless Steel Frames



>VACUUM

FOOD PROCESSING INDUSTRIAL PHARMACEUTICAL

Projects of any size or complexity.

Applied Vacuum specializes in engineering and fabricating both small and large-scale projects ranging from one-time builds of custom equipment to repeat manufacture and delivery of process modules and systems. We fabricate vacuum chambers, weldments and related components of virtually any size or complexity using the latest engineering and design software, advanced modeling and analytical tools.

To get started on your project, call 763-852-4700 or visit us at AndersonDahlen.com/vacuum.

PRESSURE RANGE	IORR
Rough	760 to 1:
High vacuum	1×10 ⁻³ to
Ultra-high vacuum	1×10 ⁻⁹ to
Extreme-high vacuum	<1×10 ⁻¹²



10+5 to 1×10-1 1 to 1×10-6

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SO 9001: 2015 Certified Nuclear NOA-1 ASME AWS and PED Certified