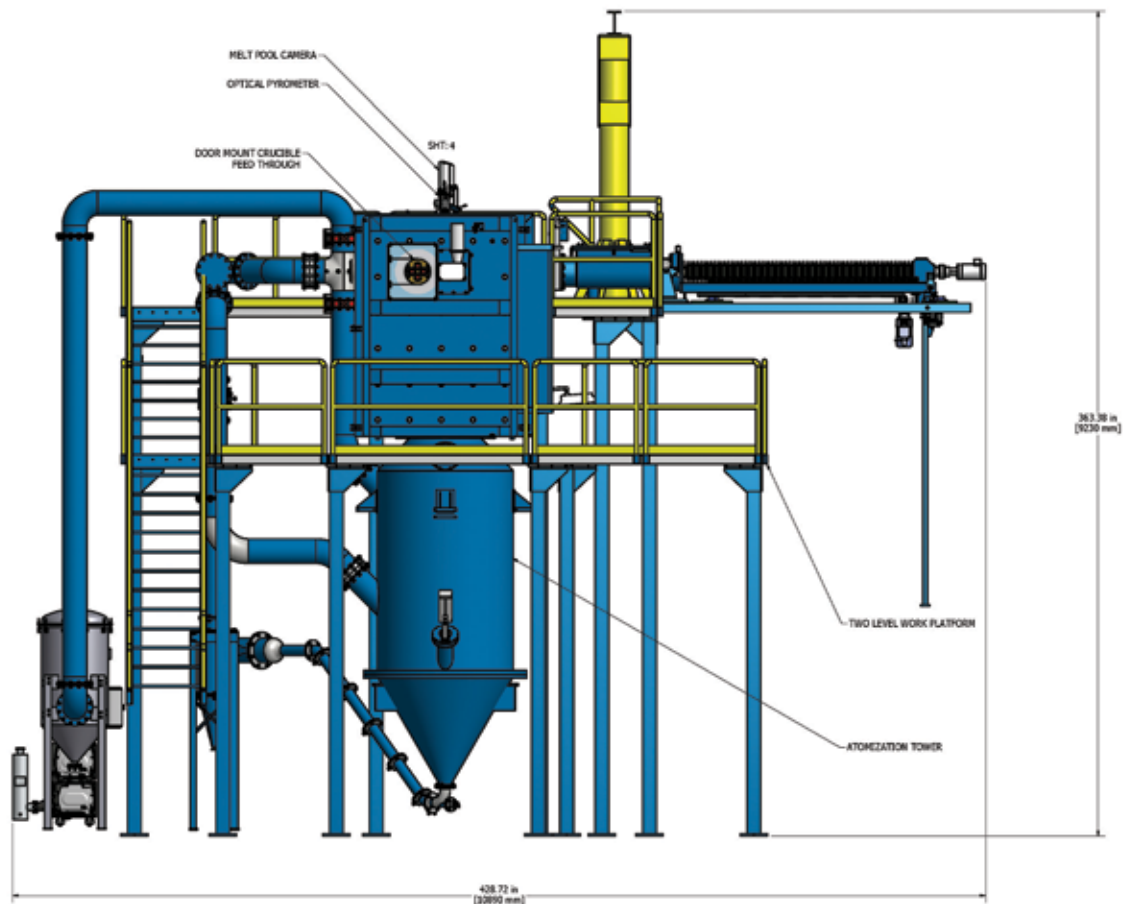


RETECH
A SECO/WARWICK COMPANY



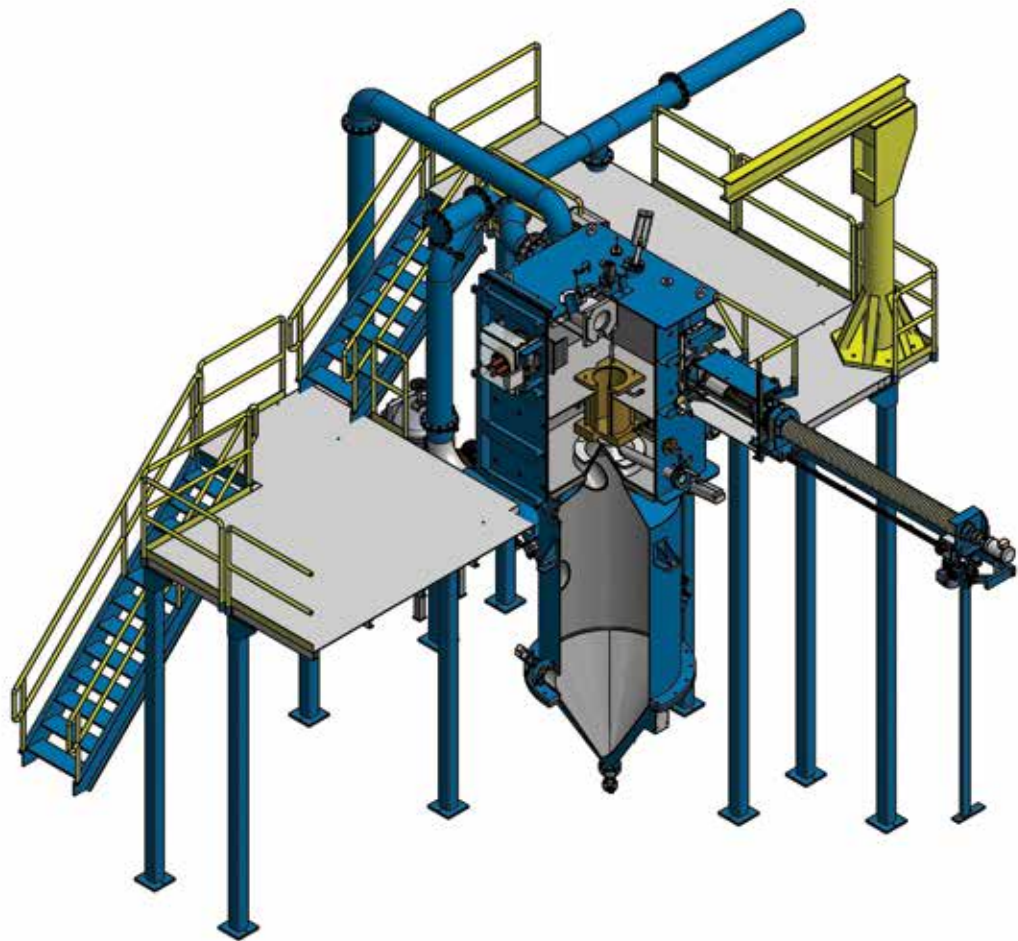
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SCALE: 1/25 SHEET: 1

Since 1963, **Retech Systems LLC** has been a global leader in the supply of vacuum metallurgical processing equipment. Our advanced process technologies for melting, refining and casting reactive, refractory, and rare earth metals, as well as superalloys include:

- **Metal Powder Systems**
- **Plasma Hearth Melting (PAM)**
- **Electron Beam Melting (EB)**
- **Vacuum Induction Melting (VIM)**
- **Vacuum Arc Remelting (VAR)**
- **Rototrode® (non-consumable casting)**
- **Plasma & Electron Beam Welding**
- **Cold Wall Induction**
- **SC/DS/EO**
- **Casting Systems**

As the most fully integrated furnace manufacturer in the world, we provide customer access to a wide range of in-house resources, including technology, material and process development. Whether a laboratory scale furnace or complete custom design, identifying customer needs, as well as understanding the importance of producing relevant, viable, and cost-effective technologies, is the foundation upon which Retech is built.





Retech Vacuum Metal Powder systems combine vacuum induction melting technology and inert gas atomization process to allow for a broad range of potential powder sizes of oxygen sensitive metals & alloys. Designed in a range of sizes from laboratory, pilot and production scale, Retech systems are tailored to meet the needs of our customer.

MATERIALS:

Nickel, Cobalt & Ferrous Alloys
Aluminum & Copper Alloys

SPECIFICATIONS:

Power Input (kVA):	100 - 1,500
Power Output (kW):	50 - 1,300
Feed Stock:	Ingots or Elementals
Alloying Capability:	Yes
L x W x H (meters):	9.14 x 9.14 x 8.53 (for Pilot Scale)



Titanium Gas Atomzer (TiGA):

As the leader in Titanium gas atomization furnace systems to the aerospace industry, Retech is well acquainted with the demands of high performance materials. Consequently, Cold-Wall Induction (CWI) melting systems can also be combined with inert gas atomization die for powder production of Titanium & Titanium Alloys. As with all our equipment, we work with our customer to ensure the equipment we provide meets their requirements.

MATERIALS:

Titanium & Titanium Alloys
Other Reactive & Refractory Metals

SPECIFICATIONS:

	REGA	TiGA
Power Input (kVA):	275	900
Power Output (kW):	240	750
Feed Stock:	50 or 100 mm dia. Bar	200 mm dia. x 50 kg Ingot
Alloying Capability:	No	Yes
L x W x H (meters):	4.87 x 5.48 x 10.97	9.14 x 9.14 x 8.53

A stylized world map in shades of gray, serving as a background for the top and bottom portions of the page. The map shows the outlines of continents and major landmasses.

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