

# CENTRIFUGAL

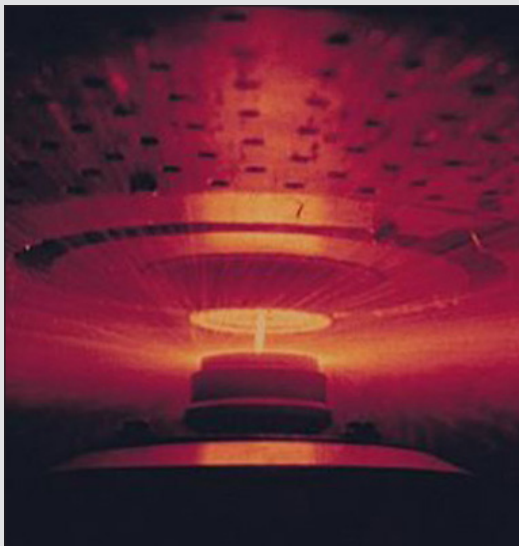
## POWDER ATOMIZER

Retech has been a leader in the supply of centrifugal atomizers used for production of highly spherical powders with a narrow particle distribution. This semi-continuous technology has been successful in producing large volumes of material while maintaining low operational costs. Centrifugal Atomization of Powder is accomplished by directing a stream of molten metal onto a rotating cup, thus breaking up the stream and allowing the metal to solidify within the chamber.

#### For Atomization Of:

- Titanium
- Nickel
- Cobalt
- Ferrous alloys
- Reactive metals
- Refractory metals

Retech Metal Atomization Systems utilize our proven melting technologies in combination with gas atomization, spin cup atomization or a spin wheel to produce powders that meet the specific needs of our customers. Retech supplies post-atomization, powder handling and consolidation equipment.



#### Centrifugal Powder Atomizer Specifications

System Type	Centrifugal Atomization
Feedstock Sizes	Ingot, loose feed
Available Powder Handling Equipment	Yes

#### Technical Data

Power Output	50 kW - 1500 kW
Reactive Metals	No
Non-Reactive Metals	Yes
In Process Alloying Capability	Yes

#### Powder Data

Materials	Stainless steel
Powder Morphology	Spherical
Atomization Rate	60 - 600 kg/hr
Size	D <sub>50</sub> : 70 - 150 μm

[Contact us to learn more.](#)