

MELT SPINNING/ STRIP CASTING

Utilizing our exclusive cooling wheel assemblies, Retech Melt Spinning and Strip Casting furnaces are ideally designed and configured for the production of high-value bonded and sintered magnet powders. We endeavor to work with companies to determine the most profitable methods in the design and manufacture of new equipment based on existing or new technologies and specific customer needs.

For Atomization Of:

- Rare Earth Alloys
- Bulk Metallic Glasses
- Amorphous Metals

[Contact us to learn more.](#)



Melt Spinner/Strip Caster Specifications

System Type	Melt Spinner/Strip Caster
Feedstock Sizes	Ingot diameter: 100 mm (4") - 450 mm (15") Ingot mass: 10 - 600 kg

Technical Data

Power Output	40 kW - 600 kW
Reactive metals	No
Non-Reactive metals	Yes
In-Process Alloying Capability	Yes

Powder Data

Materials	NdFeB
Powder Morphology	Ribbon or flake
Atomization rate	Melt Spinner: 1 - 2 kg/min Strip Caster: 15 - 30 kg/min
Size	Width: MS: 1 μ m / SC: 3 - 600 μ m Thickness: MS: 35 μ m / SC: 0.2 - 0.5 μ m