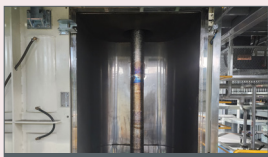

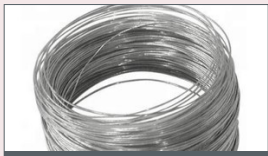



Dong-A special Metal Co., Ltd

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E-mail	dandyro@dongaspecial.co.kr		
Address	528-16 Jangbaek-ro, Beopsu-myeonHaman-gun, Geongsangnam-do, South Korea		
major business	Recycling of rare metal(Ti, Ni) and production of alloy steel		

Dong-A Special Metal Co., Ltd. is specializing in the recycling of special metals scrap such as titanium and nickel, generated in various high-value industries including defense, space, aviation, chemistry, and healthcare. We aim to domesticize various materials required for the 4th industry.

Products

	Use	Materials utilized in diverse fields such as aviation, space, and healthcare
Ingot	Description	A high-purity and performance ingot produced through a continuous process of plasma arc melting(PAM) with refining effects and the ability to create homogeneous alloys without segregation of induction skull melting(ISM).(Ti, Ni, Zr, etc. alloy)
	Use	Intermediate materials utilized in diverse fields such as aviation, space, and healthcare
Round bar	Description	Producing Ti and Ni-based forged materials into round bar with diameters ranging from 60 to 16 mm and lengths of up to max. 5,000 mm through hot rolling process
	Use	Intermediate materials utilized in diverse fields such as aviation, space, and healthcare
Wire	Description	Producing Ti and Ni-based rod materials into wire coils with diameters ranging from 16 to 0.5 mm through a cold rolling process
	Use	Alloy steel containing app. 35 to 75 wt.% of titanium
Fe-Ti	Description	An alloy primarily used to reduce decarburization and carbide formation effects in the production of stainless steel and tool steel. It is produced by crushing to sizes ranging from 5 to 50 mm

Technical Capacity

» Recycling of scrap

The dry process of recycling titanium and rare metal scraps that cannot be recycled domestically and are exported abroad

» Vacuum casting

Using a water-cooled copper crucible in an induction skull melting(ISM) process to produce castings that are free gas impurities and have a homogeneous composition

» Hybrid PAM

Continuous production of high-purity and quality ingots through the sequential combination of Plasma Arc Melting(PAM) and Induction Skull Melting(ISM)

» Recovery of platinum group metals

Separation of platinum group scrap, such as Ir and Pd, through a dry method to recover coating layers and obtain powder