Hasung Announces High-Vacuum Processing Breakthroughs from a China Leading Minting Bar Making Machine Manufacturer

Shenzhen, Guangdong Dec 17, 2025 (Issuewire.com**)** - In the current wave of modernization sweeping the precious-metals sector, **Hasung**, a company known formally as Shenzhen Hasung Precious Metals Equipment Technology Co., Ltd., is asserting its role as a **China Leading Minting Bar Making Machine Manufacturer**. Leveraging a 5,500-square-meter facility dedicated entirely to high-end heating and casting equipment, Hasung has developed a broad range of machines — from vacuum induction melting furnaces and horizontal vacuum continuous casting systems to jewelry rolling mills and bullion-bar vacuum casting machines. With recent upgrades and a renewed focus on high-vacuum processing, Hasung is offering technologies that meet the increasingly stringent demands of refineries, jewelers, and advanced-material clients worldwide.

A Precious-Metal Market Evolving Toward Precision and Purity

The global precious-metal industry is undergoing a transformation — one in which quality, yield

consistency, and process control matter more than ever. As demand for investment-grade bullion, refined bars, and high-quality jewelry grows, manufacturers and refineries no longer view casting as just a production step; it is a precision-controlled process that influences purity, structural integrity, and final surface quality. In response, key trends have emerged: increased adoption of vacuum casting and melting technologies, rising need for alloy consistency, and growing interest in integrated, modular production lines that support both traditional bullion and value-added products.

These shifts are further fueled by expanding interest in precious-metal applications beyond bullion and jewelry — for industrial alloys, advanced materials, and powder metallurgy. Such diversification demands equipment capable of handling metals with different alloy compositions, while ensuring purity and minimizing contamination. Meanwhile, energy efficiency, process repeatability, and ease of operation are now critical factors; many buyers prioritize equipment that can deliver high performance with stable output under rigorous operating conditions.

Against this backdrop, high-vacuum processing — which reduces oxidation, prevents gas entrapment, and enables consistent alloy quality — has moved from “nice to have” to “essential.” Suppliers that can deliver reliable vacuum casting, melting, and continuous casting systems are increasingly viewed as strategic partners rather than mere machinery vendors.

How Hasung’s Innovations Translate Into Real-World Advantage

Hasung’s recent enhancements reflect a clear response to these market needs. Their horizontal vacuum continuous casting machines — built to handle gold, silver, copper, brass, bronze and various alloys — now feature refined vacuum chambers, adjustable inert-gas protection, and automated cooling/control systems. These machines offer improved process control, higher melting capacities, and energy-efficient operation, which together produce bars and ingots with reduced impurities, tighter tolerance, and superior surface consistency.

Complementing this is Hasung’s jewelry rolling mill lineup, designed to transform cast metal into sheets or strips suitable for jewelry, bullion products, or advanced-material applications. Their rolling mills accommodate metals such as gold, silver, copper, and common alloys — with adjustable roll spacing, high-hardness rollers, and optional servo- or PLC-controlled operations that provide precision thickness control and minimal surface defects.

Moreover, Hasung’s equipment is recognized under international standards. Their facility is ISO 9001 certified and machines meet CE standards, with many units using high-quality electrical components from established Japanese or German brands.This level of quality assurance helps ensure reliable, consistent operation — critical for clients producing bullion bars or fine jewelry.

Applications and Client Scenarios: From Bullion to Jewelry to Advanced Materials

The versatility of Hasung’s machinery means it can serve a wide variety of clients across different market segments:

Bullion producers and refineries — Using vacuum continuous casting machines, these clients can produce gold and silver bars or ingots with high purity, uniform structure, and minimized oxidation or gas-related defects.

Jewelry manufacturers and artisans — Rolling mills convert cast metal into sheets and strips suitable for bracelets, rings, or decorative pieces, enabling precise thickness control and smooth surface finishes

that align with quality expectations in high-end jewelry.

Industrial alloy and materials firms — For clients working on copper, brass, or specialized alloys, Hasung's melting, casting, and rolling systems provide a complete line for input metal preparation, casting, and sheet/wire production.

Advanced-material and powder-metallurgy producers — Combined use of vacuum melting, casting, and granulating or atomizing equipment enables production of clean alloys and materials for high-precision components, electronics, or specialized industrial applications.

By offering a complete suite — from melting to casting to rolling or granulating — Hasung supports clients who prefer end-to-end solutions rather than assembling disparate machines from multiple suppliers. This integration reduces complexity, improves process consistency, and often shortens production lead times.

Why Hasung's High-Vacuum Breakthrough Matters — and Why Buyers Should Take Notice

First, vacuum processing significantly improves metal purity and casting integrity. For bullion or refined bar production, even small gas inclusions or oxidation can affect alloy quality and surface finish; vacuum casting mitigates these risks. Hasung's advanced vacuum continuous casting systems thus fulfill increasingly strict requirements for bullion and refined metal producers.

Second, the combination of casting and rolling capabilities offers efficiency and flexibility. Instead of limiting customers to bar casting, Hasung enables further metal processing — for jewelry sheets, alloy strips, or industrial metal components — within a single production ecosystem. For clients seeking vertical integration or simply streamlined workflows, this flexibility is a major advantage.

Third, consistent quality backed by recognized standards (ISO, CE) and reliable components enhances long-term trust. Since casting and rolling machines are long-term capital investments, buyers value suppliers who deliver stable performance, global compliance, and robust after-sales support.

Finally, Hasung's position as a specialized supplier focused solely on precious-metal and new-material equipment, rather than generalized heavy-machinery manufacturing, suggests deeper domain knowledge and better optimization for metals like gold, silver, platinum, or specialty alloys. This specialization often translates to better process performance and longevity.

As the precious-metal industry evolves toward higher standards of purity, alloy consistency, and versatility, suppliers must advance beyond traditional casting. By delivering high-vacuum continuous casting systems, reliable rolling mills, and comprehensive melting and processing equipment, Hasung demonstrates how a China Leading Minting Bar Making Machine Manufacturer can drive the industry forward.

Whether producing bullion bars, crafting fine jewelry, manufacturing industrial alloy components, or exploring new applications in advanced materials, buyers seeking precision, reliability, and a streamlined production line can look to Hasung for a full-featured, quality-driven solution.

To learn more about Hasung's equipment line and technical capabilities, visit: https://www.hasungcasting.com/.

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