

MACHINERY INDUSTRY

Precision in Every Dimension

Complex Requirements. Tailor-Made Solutions.

Machinery Industry Power factsheet EN | 07/2025

CASTING SOLUTIONS FOR THE MACHINERY INDUSTRY

Whether for large presses, forging machines, mining systems, or yellow-good vehicles – we produce the backbone of mechanical engineering. Our high-quality cast components impress with extreme durability, precision, and customized design.

Using profound material knowledge and cutting-edge technology, we manufacture a broad portfolio of cast parts ranging from a few kilograms up to 200 tons. In addition to new production, we offer repair and refurbishment solutions – a sustainable, economical option for minimizing downtime and conserving resources.

Typical applications:

- » Stands and anvils
- » Hammer blocks
- » Forging boxes
- » Components for special transport vehicles
- » Cutter bowls
- » Other solutions for every application

ADVANTAGES



Increased efficiency

- » Fast availability with fastlane®
- » A wide range of casting solutions from a single source – from single pieces to series production
- » Customized solutions for niche applications



Quality

- » Extensive material variety and material expertise
- » Tailor-made solutions for complex requirements
- » Precise manufacturing even for very large component dimensions



Sustainability

- » Retrofit service including repair and refurbishment options
- » Resource-efficient manufacturing through state-of-the-art technologies

fastlane®

By using the latest technologies and prioritizing production scheduling, we guarantee up to 60 % faster and reliable delivery times.

Our fastlane®-Service represents a significant advancement in casting production by increasing efficiency, improving quality, and simultaneously promoting sustainable practices.



TECHNOLOGY

» 3D Sand Printing (3DSP)

Our innovative 3D printing process enables the production of highly complex castings without the need for traditional patterns. This precise and efficient method for manufacturing custom sand molds is ideal for intricate and specialized cast components.

» Robot Welding

With our certified, fully automated MAG welding process, we set new standards in manufacturing. Advanced techniques like laser cladding, integrated into state-of-the-art robotic systems, are propelling production technology into a new era.

» Digital Foundry

Through our ongoing "Digital Foundry" program, we continuously enhance our processes - driving efficiency, precision, and innovation in casting production.



voestalpine Foundry Group

As an international player in the foundry industry, voestalpine Foundry Group, with its sites in Linz (AUT), Traisen (AUT) and the joint venture in China, has made a name for itself worldwide.

With a broad portfolio of steel castings, including nickel-based alloys, it offers customized solutions in areas ranging from energy production, such as hydro, offshore/wind or oil & gas, to machinery and railroad systems. By using state-of-the-art technologies and increasingly focusing on climate-friendly production processes, voestalpine Foundry Group is the first choice for cast products of the highest quality, in a weight range from a few kilograms to 200 tons.

CONTACT



HELMUT KECK

T. +43/664/61 56 956
Helmut.Keck@voestalpine.com

Please find further
information at:



voestalpine Foundry Group

voestalpine-Straße 3
4020 Linz, Austria
www.voestalpine.com/giesserei-gruppe/en

voestalpine

ONE STEP AHEAD.