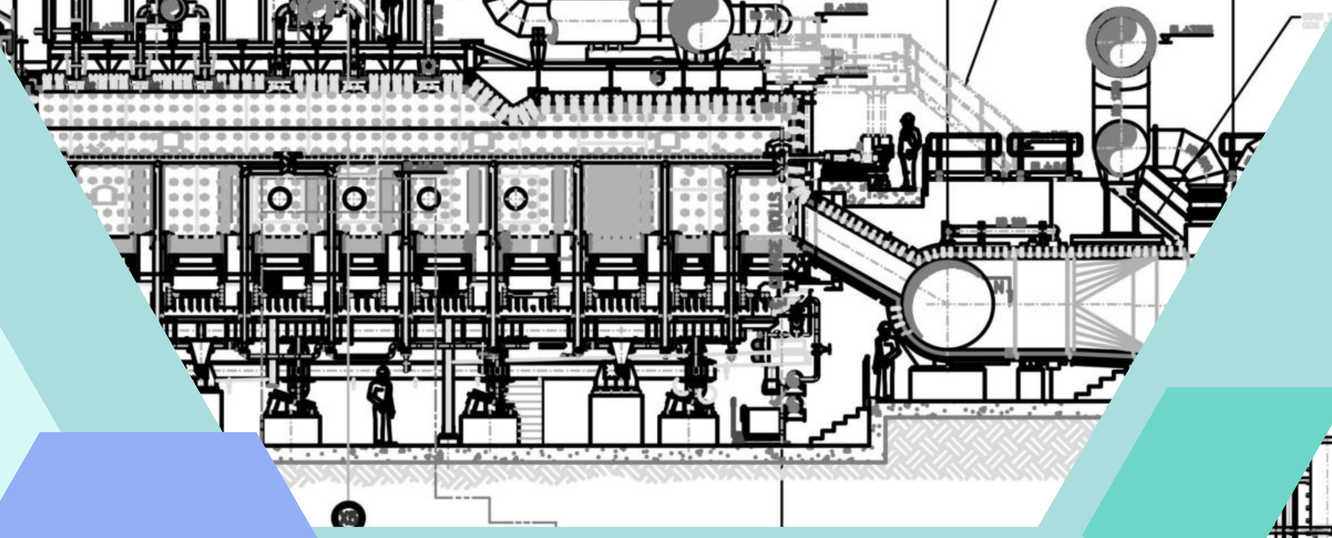

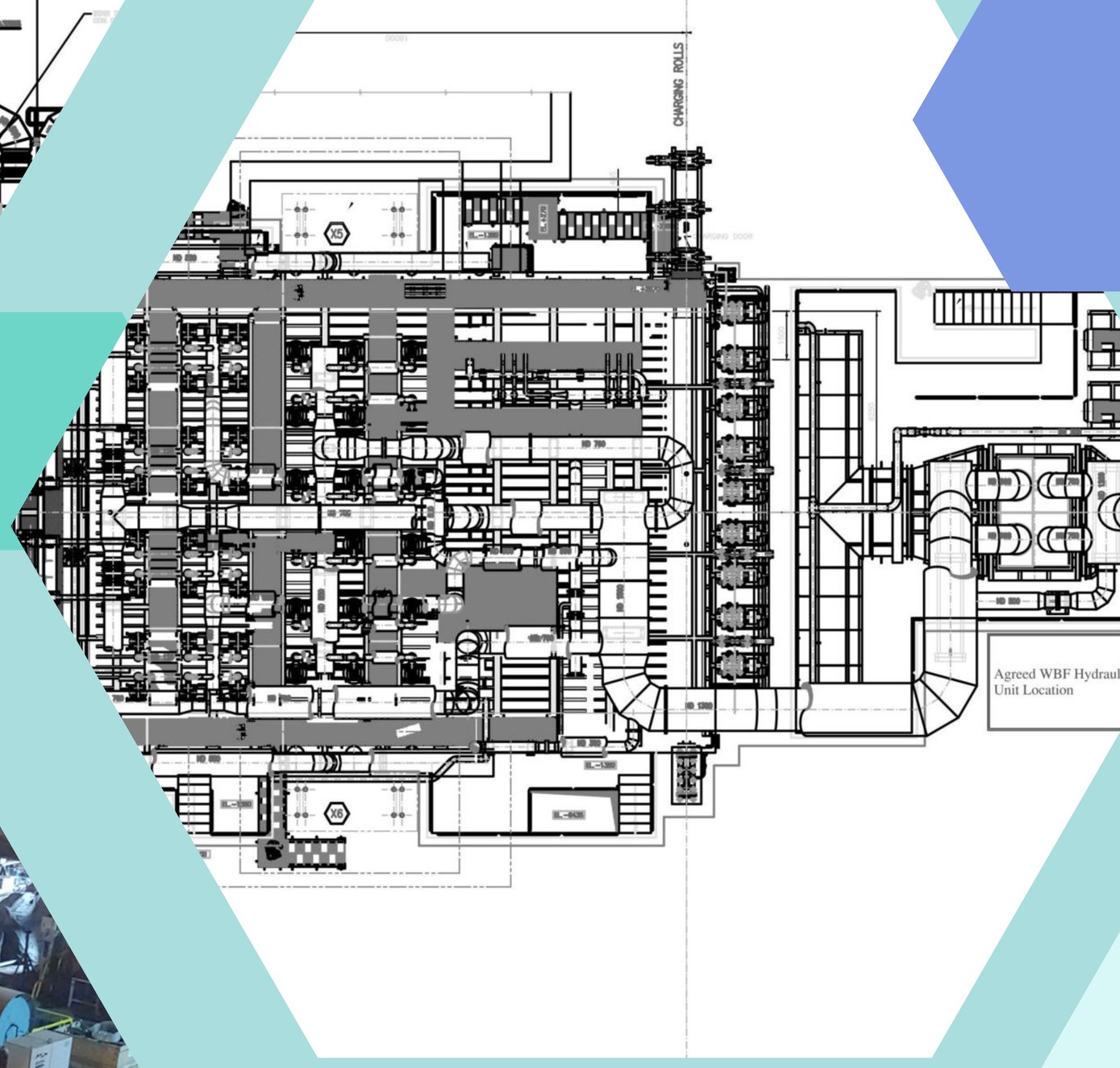

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WALKING BEAM REHEATING FURNACE

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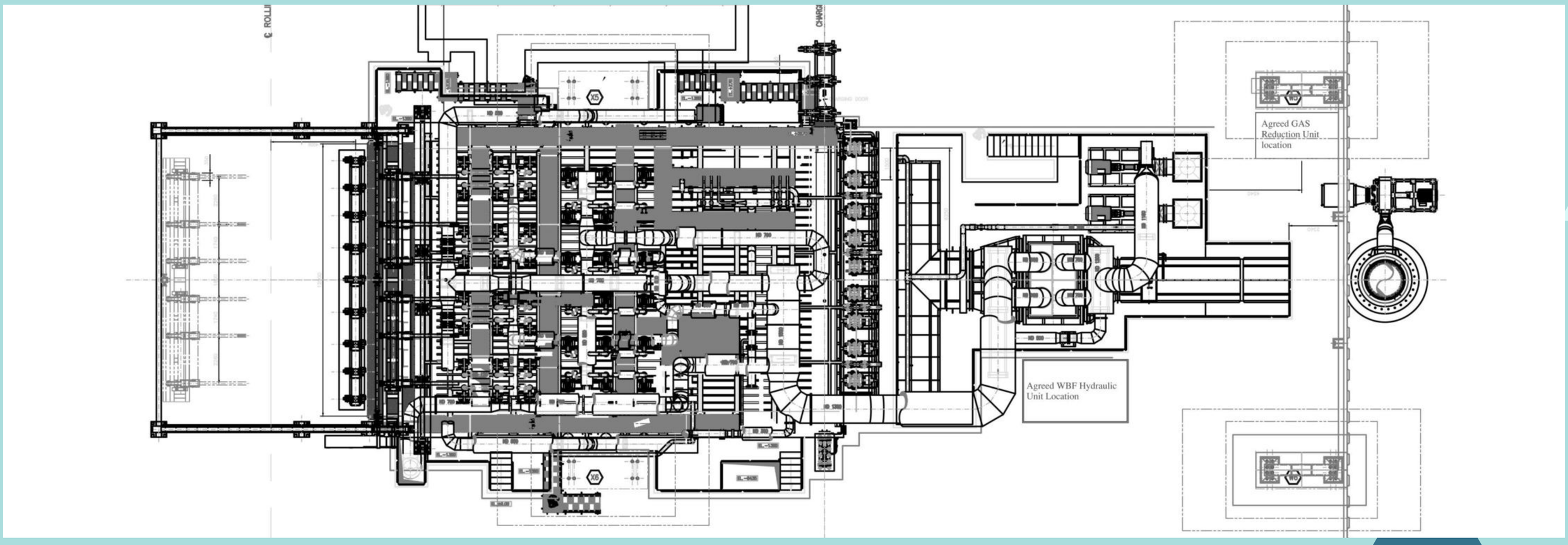


Technical data

Furnace Capacity (hot charge)	150 tons/hour
Furnace Capacity (cold charge)	130 tons/hour
Final Product	Rebar 8-40 Round bar 12-40

Description

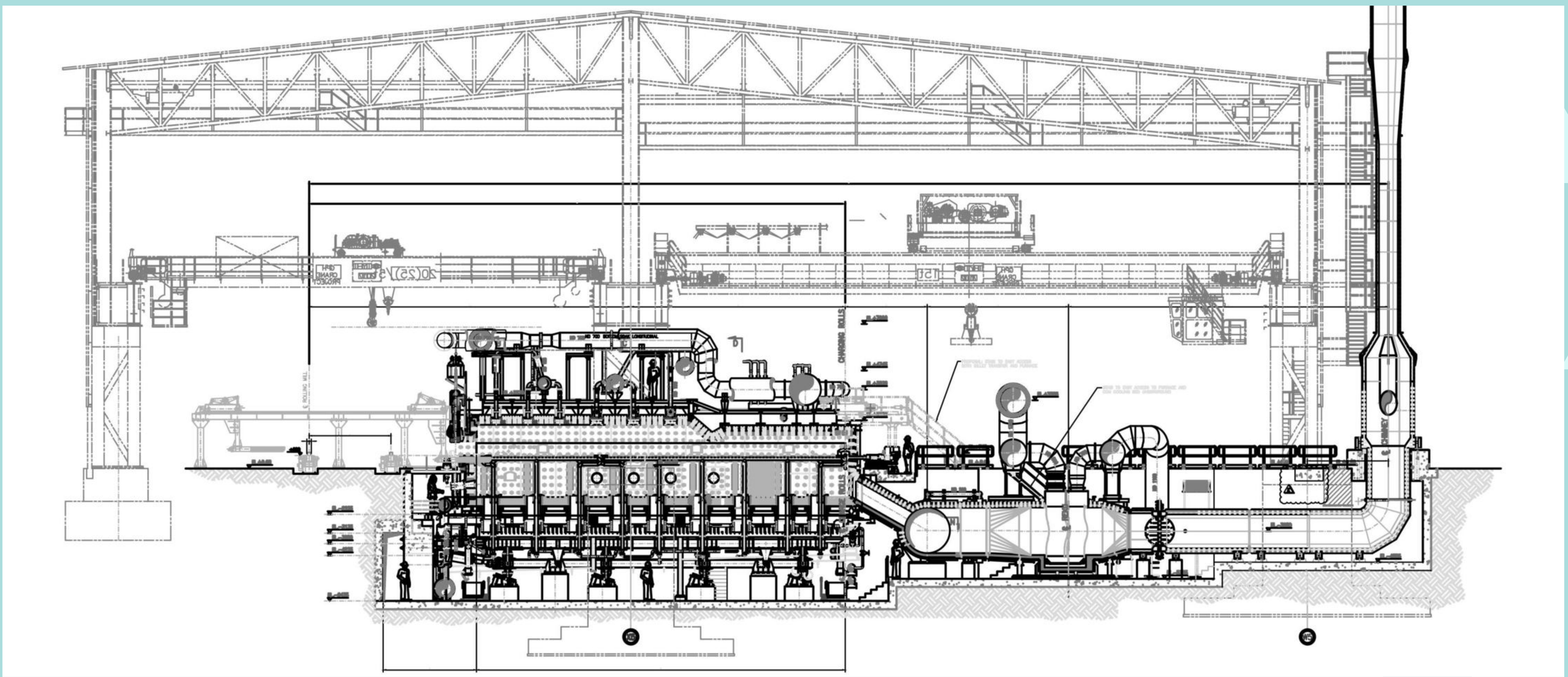
1. Energy Efficiency and Uniform Heating

Thanks to its versatility, it can handle production ratio ranging 150 tons per hour. This ability to handle heavy loads makes our furnace suitable for a wide range of industrial applications.
The complete cambustion control system of our AMB WBR Furnace is another feature that makes it unique in the market.

2. Low Emissions and Fuel Flexibility

The use of high-efficiency burners, allows to reduced CO2 and NOx emissions.
This is particularly important as industries shift towards more sustainable practices. The advanced design not only minimizes fuel consumption but also helps cut down on environmental impact.

AMB
FURNACE



Description

3. Digital Control and Automation

Equipped with modern digital systems, the furnace enables real-time monitoring and control of all key operational parameters. Tools like thermal optimization software ensure that the furnace runs at peak performance while also reducing energy waste. This helps minimize operational costs while maintaining high throughput and product quality.

4. Production Capacity

The use of high-efficiency burners, allows to reduced CO_2 and NO_x emissions.
This is particularly important as industries shift towards more sustainable practices. The advanced design not only minimizes fuel consumption but also helps cut down on environmental impact.

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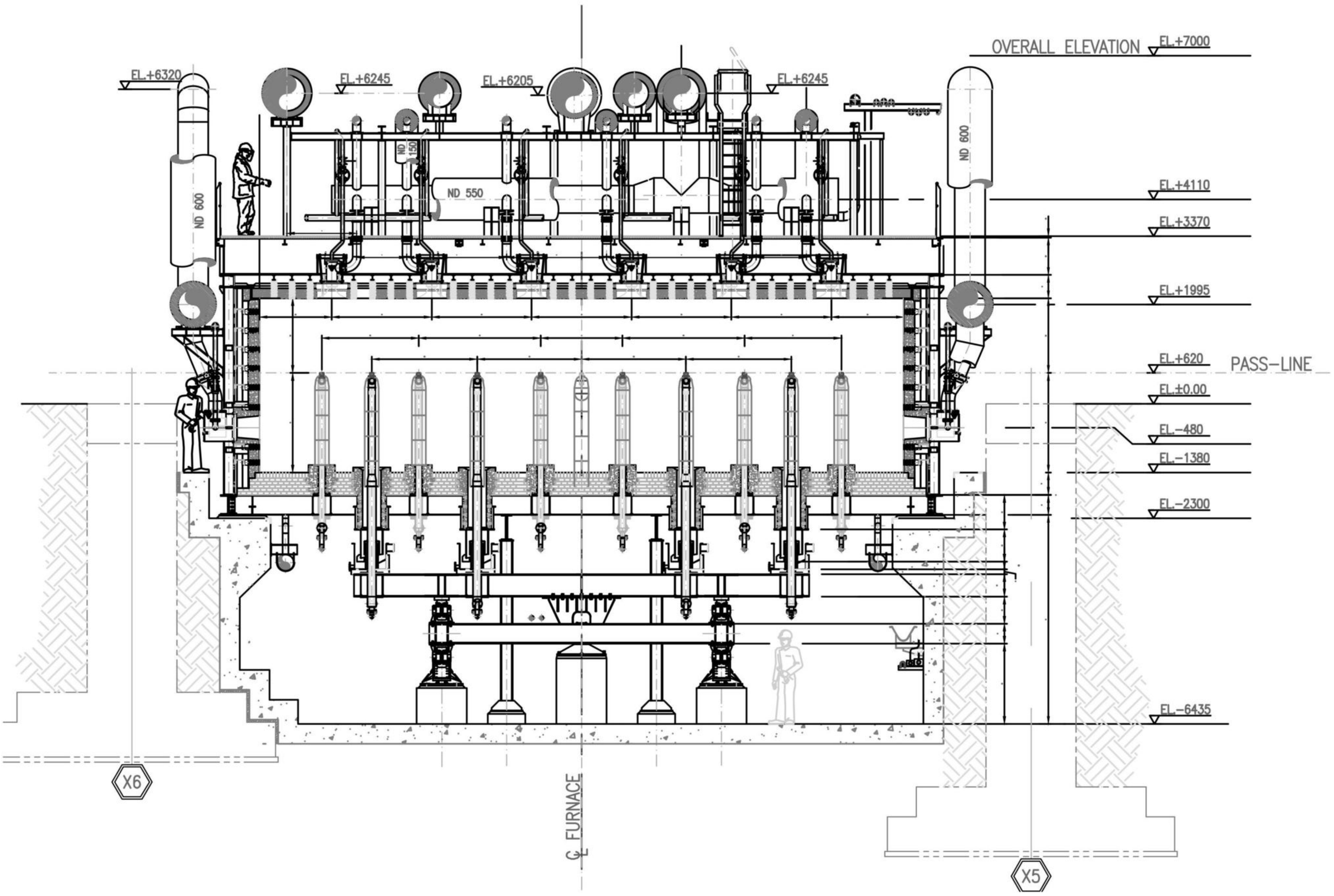

Technical Specifications:

-Maximum Temperature: Up to 1230 °C
made possible by water-cooled steel beams lined with refractory material. This allows for effective handling of high temperatures while protecting critical components.

-Material Capacity: The furnace can process billets and blooms, with throughputs up to 150 tons per hour, making it versatile enough to accommodate a wide range of steel sizes and shapes .

-Walking Beam Mechanism: The furnace utilizes a two-set walking beam system, where billets rest on stationary beams and are moved forward by a set of mobile beams. This ensures smooth material transport, preventing any piling or damage.

AMB FURNACE

CONTACT US

Your interests are our priority!

+39 0303580849

Via Gutenberg 1, 25020 Poncarale (BS), Italia

info@amb.it

Scan me

www.amb.it

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