

SēAH GSI

SEAMLESS STAINLESS STEEL PIPE & TUBE MANUFACTURER

WITH HOT EXTRUSION TECHNOLOGY



A Joint Venture company of

SēAH CSS & **دسر**
DUSSUR 

About SeAH GSI



SeAH Gulf Special Steel Industries is a next-generation manufacturer of seamless stainless steel pipes and tubes, strategically located in Saudi Arabia to support the growing industrial and energy sectors across the region. Backed by the technical know-how and extensive experience of SeAH CSS, along with the strategic partnership of Dussur, we utilize advanced hot extrusion technology with strict quality control to deliver reliable, high-performance tubular solutions. As part of the global SeAH network, we leverage worldwide expertise, innovation, and operational excellence to serve customers with consistent quality and dependable supply.

Driven by localization and innovation, SeAH GSI is committed to becoming a long-term partner to end users, EPC contractors, fabricators, and distributors across Saudi Arabia and global market. As we continue to expand our product portfolio and material grades, our focus remains on strengthening regional supply chains, enhancing responsiveness to customer needs, and delivering reliable solutions that support sustainable industrial growth across the region.



Mission

To deliver high quality premium pipes and tubes with strong technical expertise and solution-driven support for the customer satisfaction.

Vision

To be a global leader in special steel, through continuous innovation, sustainability, and value creation of all stakeholders.

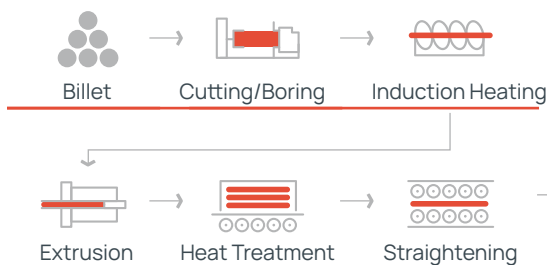
Core Value



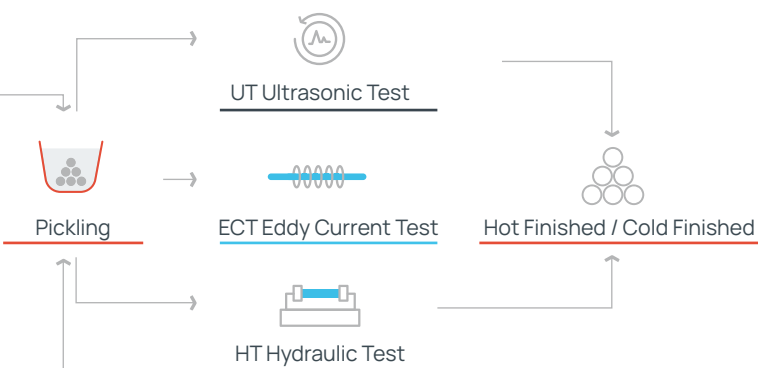
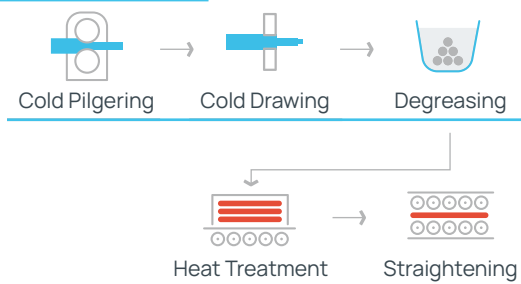
Manufacturing Process

The integrated production process covers billet preparation, hot extrusion, heat treatment, straightening, finishing, and final inspection, ensuring consistent quality from raw material to finished product. The facility is designed to manufacture a wide range of sizes and grades to meet the demanding requirements of the oil & gas, petrochemical, power generation, desalination, and industrial sectors.

Hot Process Line



Cold Process Line



Advanced Technology

Hot extrusion is a key manufacturing capability that supports smooth internal surfaces, uniform wall thickness, and dimensional accuracy which is essential for critical applications.

SeAH GSI uses a 5,000-ton hot extrusion press to produce high-quality seamless stainless steel pipes. The process ensures superior quality, strong integrity, Aramco compliance, and full in-house traceability.



Technical Area	Hot Extrusion	Conventional Piercing
Dimensional Accuracy	Excellent dimensional uniformity	Greater wall thickness variation
Surface Quality	Smooth surface & reduced defect risk	Inconsistent surface finish
Mechanical Properties	Consistent mechanical performance	Batch-to-batch variation
Application Suitability	High-demand energy, petrochemical & industrial applications	General industrial use
Higher Grades	Good for high alloy materials	Limited to basic grades

Product Details & Applications

Product	Type	Outer Diameter	Thickness
Stainless Steel Pipe	Seamless	10.29mmØ ~ 273.1mmØ (Max NPS 10")	1.24mm ~ 29mm
Stainless Steel Tube (Heat exchanger and instrumentation)	Seamless	9.53mmØ ~ 38.1mmØ	0.89mm ~ 2.77mm

Stainless Steel

Spec.	Spec. No.	Steel Grade	Remark
ASTM ASME	A/SA312 A/SA376	TP304(L, H, N, LN), TP316(L, H, N, LN) TP317(L), TP321(H), TP310(S, H)	Stainless Pipes (Austenite)
	A/SA213 A/SA269	TP304(L, H, N, LN), TP316(L, H, N, LN) TP317(L), TP310(S, H)	Stainless Tubes (Boiler, Heat Exchanger)
	A511	MT304(L), MT316(L), MT317, MT310S	Mechanical Tubes
	A/SA789 A/SA790	S31803, S32205, S32750, S32760, S31254	Stainless (Duplex) Pipes & Tubes
JIS	G3459	304(L)TP, 316(L)TP, 317(L)TP, 310S(H)	Stainless Pipe
	G3463	304(L)TB, 316(L)TB, 317(L)TB, 310S(H)TB	Stainless Tubes
	G3446	304(L)TKA, 316(L)TKA	Mechanical Tubes
EN	10216-5	WNR1.4301, WNR1.4306, WNR1.4401, WNR1.4404, WNR1.4435, WNR1.4436, WNR1.4541, WNR1.4571	Seamless steel Tube (Stainless steel)

Applications

Seamless stainless steel pipes and tubes deliver exceptional corrosion resistance, mechanical strength, and reliability for critical industrial applications.



Oil & Gas

- Offshore and Onshore pipelines
- Refinery process piping
- High pressure and corrosive processing lines



Petrochemical Plants

- Transporting acids, solvents, and aggressive chemicals
- Heat exchangers, Skid and other equipments
- High pressure and corrosive processing lines



Power Generation

- Nuclear plant application
- Steam pipelines
- Condensers



Desalination plants & Marine

- Seawater cooling systems
- Shipbuilding
- Ballast systems

SeAH Global Network



SeAH GSI Plant



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