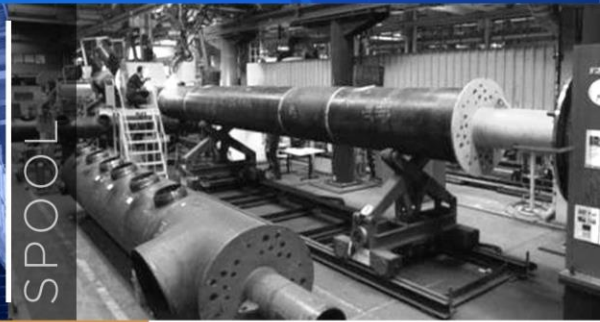


cimtas

PIPE
FITTING
SPOOL



Liquefied Natural Gas (LNG) PROJECTS

CIMTAS GROUP LOCATIONS



ÇİMTAŞ STEEL



ÇİMTAŞ İSTANBUL HEADQUARTERS



ÇİMTAŞ PIPE FABRICATION AND TRADING LTD. CO.



ÇİMTAŞ PRECISION MACHINING



ÇİMTAŞ PIPE SPOOL WORKS



ÇİMTAŞ MODULE AND SHIPYARD



ÇİMTAŞ PIPE FITTING WORKS



ÇİMTAŞ NINGBO MODULAR SKIDS & PIPE SPOOLS

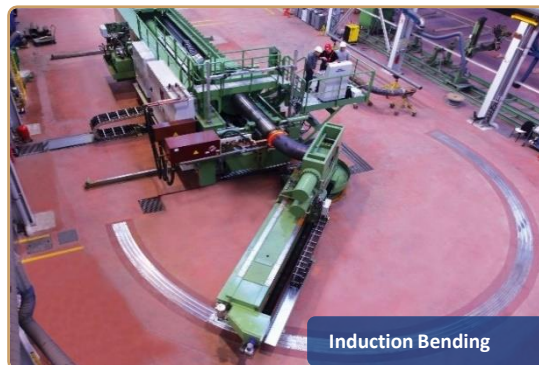
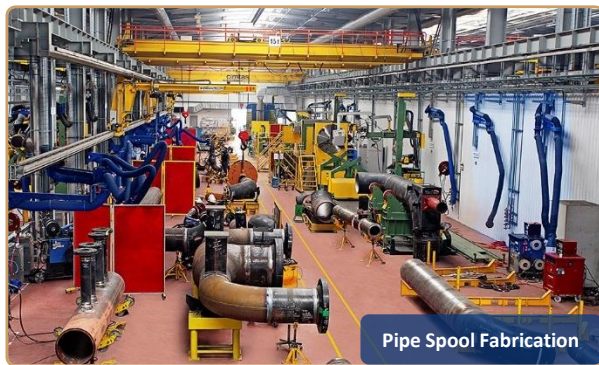


ÇİMTAŞ PIPE LSAW PIPE WORKS



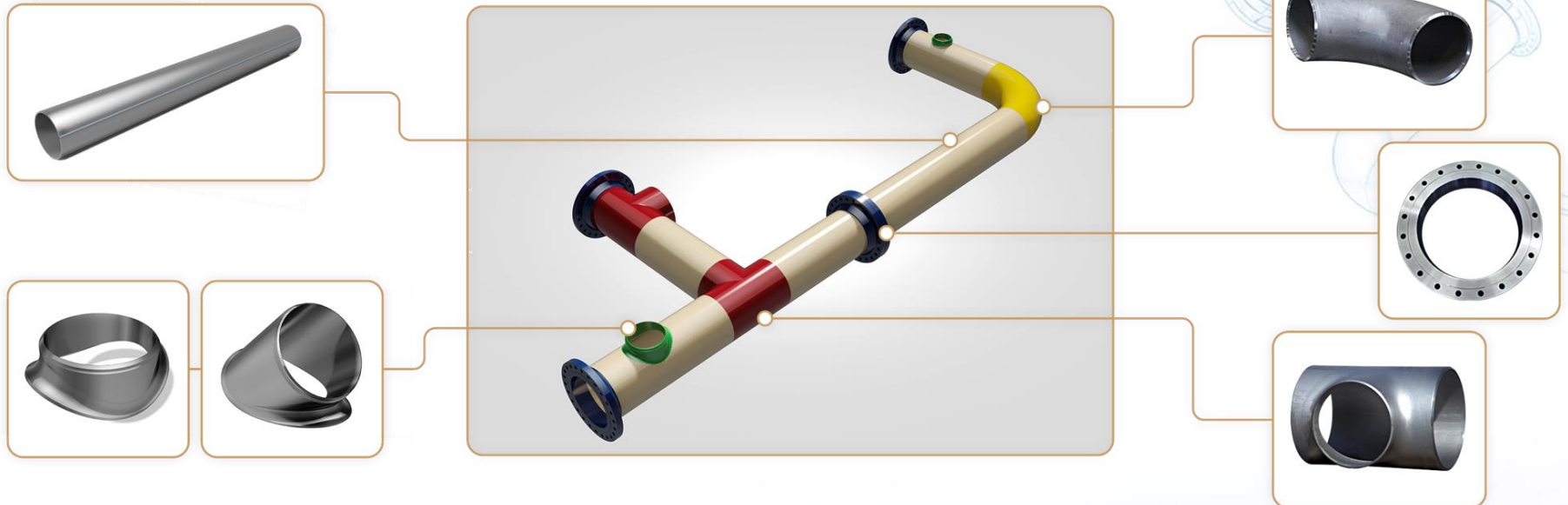
CIMTAS PIPE FABRICATION AND TRADING LTD. CO.

- Operational in 2002 as a **Pipe Spool Shop**
- **Now** An Integrated Spool, Fitting & LSAW Pipe Shop
- Integrated Design & Engineering, Material Procurement, Surface Treatment, Packing, Framing
- Serving OG&C, Power, Construction, Metals & Mining Industries
- **Fenced Area:** 120,000 sqm
- **Covered Shop Area:** 60,000 sqm
- **Total Capacity:** Over 200,000 tons/year
 - **Fabrication Capacity:** 42,000 tons/year
 - **Manufacturing Capacity:**
 - ~150,000 tons/year (Lines Pipes)
 - ~ 60,000 tons/year (Process Pipes)
 - 12,000 tons/year (Fittings)



INTEGRATED PIPING SOLUTIONS

- Continuous Integrated Piping Solutions;
 - LSAW Pipe & Fitting & Prefabricated Pipe Spool @ single location
- Integration asset;
 - Continuous flow
 - Expediting and transportation thru single source & location
 - Shortest pipe to spool lead time
- Largest production & fabrication capacity @ single location
- Increased flexibility, prioritized fabrication/production as per project requirements
- Lean Production culture, team organization, continuous improvement
- High product and service quality, Critical To Quality and Best Practices
- Proactive team and push/pull role



INDUSTRY STANDARD

• LSAW Pipes • Fittings • Pipe Spools

CIMTAS PIPE

Conventional Solution: Typical,
7- 8 Months Delivery Time
from Order to First Spool

Multiple: POs, Suppliers, Locations

Singular Fulfillment w/Separate Tasks:

- **@Multiple Suppliers**
 - PO Preparations
 - PO Placements
 - Contacts
 - POs Expediting
 - Quality Inspections
 - Customs Works
- **Paperwork**
- **Multiple Transportation**
- **Standard Execution**

Integrated Solution: New Era,
Substantially Faster Delivery Time
from Order to First Spool

Single: PO, Supplier, Location

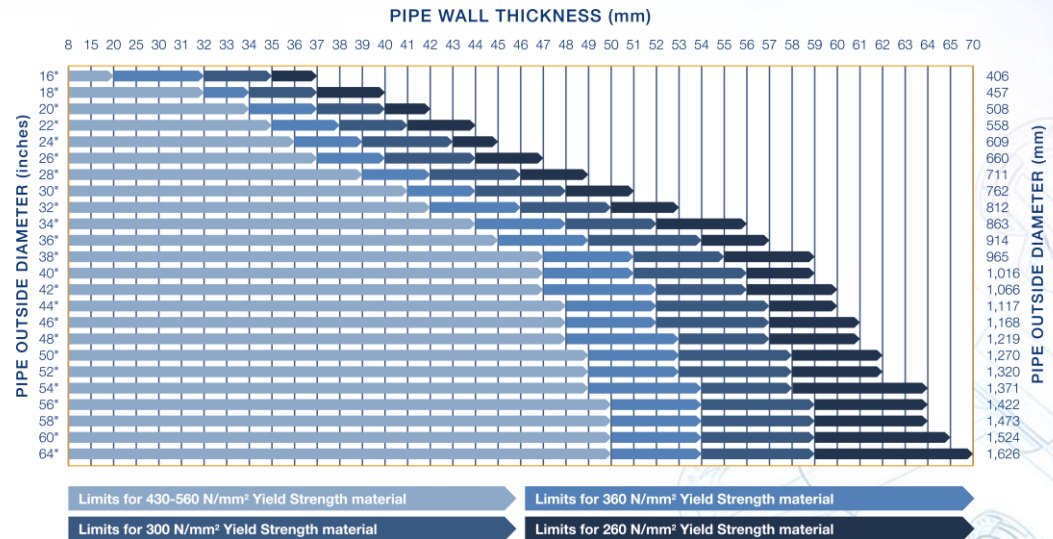
Seamless Fulfillment w/Integrated Task:

- **@Single Supplier**
 - PO Preparation
 - PO Placement
 - Contact
 - PO Expediting
 - Quality Inspections
 - Customs Work
- **Integrated Paperwork**
- **No Inter-Supplier Transportation**
- **Seamless Execution**
(Industry Pioneer)

Pipe Diameter : 16" – 64"
(406 - 1,626 mm)

Pipe Length : 6 - 12.2 m
(20' - 40')

Thickness : 8 - 70 mm
(0.32" – 2.75")











Multiple metallurgies capability:

- Carbon Steel
 - API 5L Grades
 - ASTM A671, A672.. Grades
- Stainless Steel
 - ASTM A358
- High Yield Carbon Steel
 - API 5L X Grades
- Alloy Steels

Multiple production solutions for manufacturing different diameter & thickness combinations:

- JCO Bending + Post Bending + Calibration & Straightening
- JCO Bending + Post Bending + Mechanical Expander
- Edge Crimping + JCO Bending + Calibration & Straightening
- Edge Crimping + JCO Bending + Mechanical Expander

	Raw Material <i>from Qualified Supplier/Mill</i>	CIMTAS Process <i>In house</i>
	Elbow Cold Forming (0.5" – 20")	Seamless/ Steel Plate Bending, HT, Beveling Inspection
	Elbow Hot Forming Mandrel (24" – 48")	Seamless/ Steel Plate Hot Forming, HT, Beveling & Inspection
	Elbow Hot Forming Two Halves (16"– 60")	Steel Plate Preheating, Hot Forming Beveling, Welding & Inspection
	Tee (0.5"– 60")	Seamless/ Steel Plate Preheating, Hydro/ Hot Forming, Beveling, Welding & Inspection
	Reducers (16"– 60")	Steel Plate Cutting, Rolling, Beveling, Welding
	Branch Outlets (CIM-INSERTs® & CIM-LETs®)	Forging/ Bar Stock Engineering, Machining, Inspection
	Flanges (1/2"– 48")	Forged, Heat Treated, Proof Machined (Semi Finished) Machining, Inspection
	Laterals (All)	Seamless/ Steel Plate Cutting, Beveling, Welding, Heat Treatment & Inspection

- Worldwide Deliveries of over 110,000 tons of prefabricated pipe spools
- Integrated Piping Solutions - **IPS** with an extensive range of LSAW pipes, fittings and pipe spools to top-tier customers, from a single location.

Project Name	Location	Tonnage	Plant Capacity (mtpa)	Year
Sabine Pass LNG Terminal (Stage 6)	U.S.A.	7,537	4.5	2020
Marmara Ereğlisi LNG Terminal	Turkey	10	5.9	2020
Croatian LNG Terminal	Croatia	257	1.9	2020
Corpus Christi Liquefaction Project (Stage 3)	U.S.A.	7,567	4.5	2019
Marmara Ereğlisi LNG Terminal	Turkey	80	5.9	2017
Sabine Pass LNG Terminal (Stage 5)	U.S.A.	6,809	4.5	2017
Corpus Christi Liquefaction Project (Stage 1&2)	U.S.A.	13,823	9	2017
Angola LNG Additional Scope	Angola	1,300	5.2	2015
Sabine Pass LNG Terminal (Stage 3&4)	U.S.A.	13,670	9	2015
Sabine Pass LNG Terminal (Stage 1&2)	U.S.A.	14,269	9	2014
Australia Pacific LNG	Australia	6,800	9	2014
Santos GLNG	Australia	13,200	7.8	2014
Queensland LNG	Australia	9,800	8.5	2013
Angola LNG	Angola	7,200	5.2	2011
Equatorial Guinea LNG	Equatorial Guinea	2,500	3.7	2006
Egyptian LNG	Egypt	5,500	7.2	2004

SABINE PASS(SP) & CORPUS CHRISTI(CC) LNG

Signature Project

Owner : Cheniere Programme
Customer : Bechtel OG&C Houston
Location : Australia
Completion : **SP LNG**
(Stage1,2,3,4: 2014 -2020)
CC LNG
(Stage1:2017, Stage2: 2019)
Scope : Manufacturing of LSAW Pipes & Fittings, Spool Fabrication and Material Supply
Piping : 63,675 tons
4,047,829 dia inch
122,044 # of pipe spools



Excellence in Quality and Performance Award by Bechtel



Corpus Christi LNG



Sabine Pass LNG | First LNG Export Terminal of the U.S.A

Owner : British Gas
Customer : Bechtel OG&C
Location : Australia
Completion : 2013
Scope : Spool Fabrication (Heat Treatment, NDE, Painting, Bundling, Containerizing and FCA Shop Delivery of CS, SS Process Piping)
Piping : 10,100 tons
816,000 dia inch

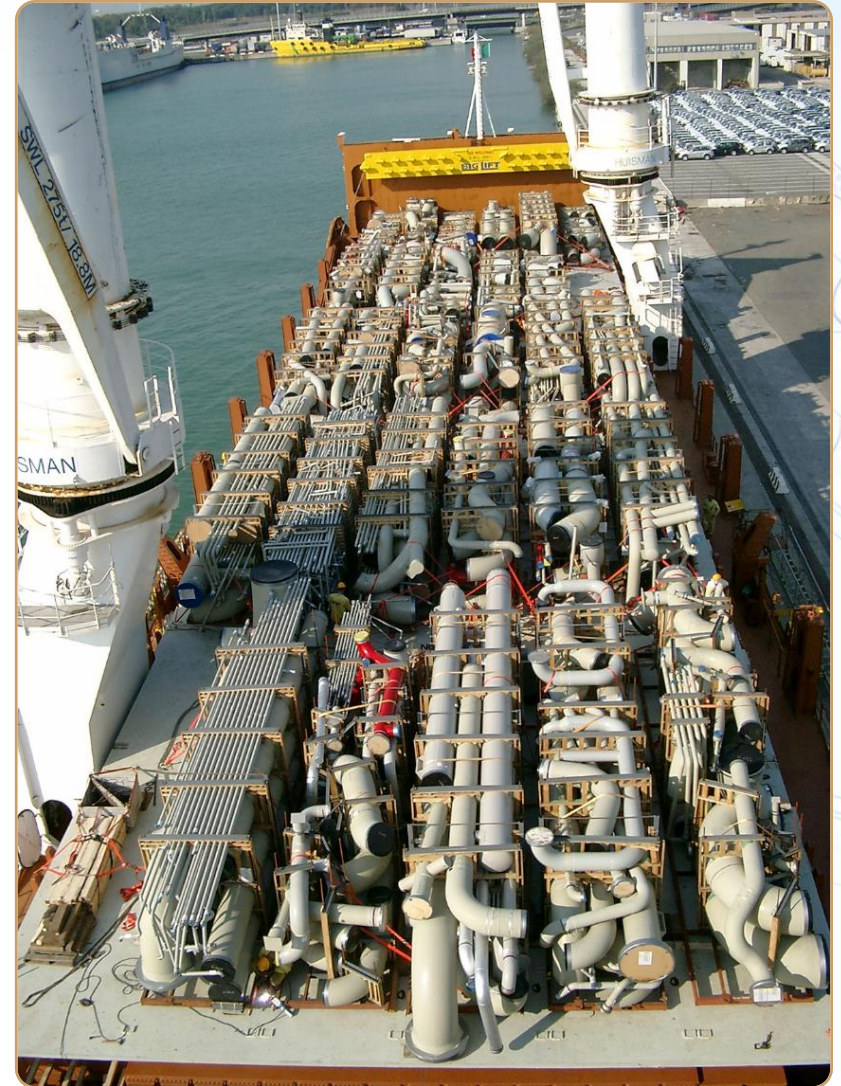


Owner : Santos, Petronas
Customer : Bechtel OG&C
Location : Australia
Completion : 2014
Scope : Material Supply, Spool Fabrication (Heat Treatment, NDE, Painting, Bundling, Containerizing and FCA Shop Delivery of CS, SS Process Piping)
Piping : 13,700 tons
950,000 dia inch

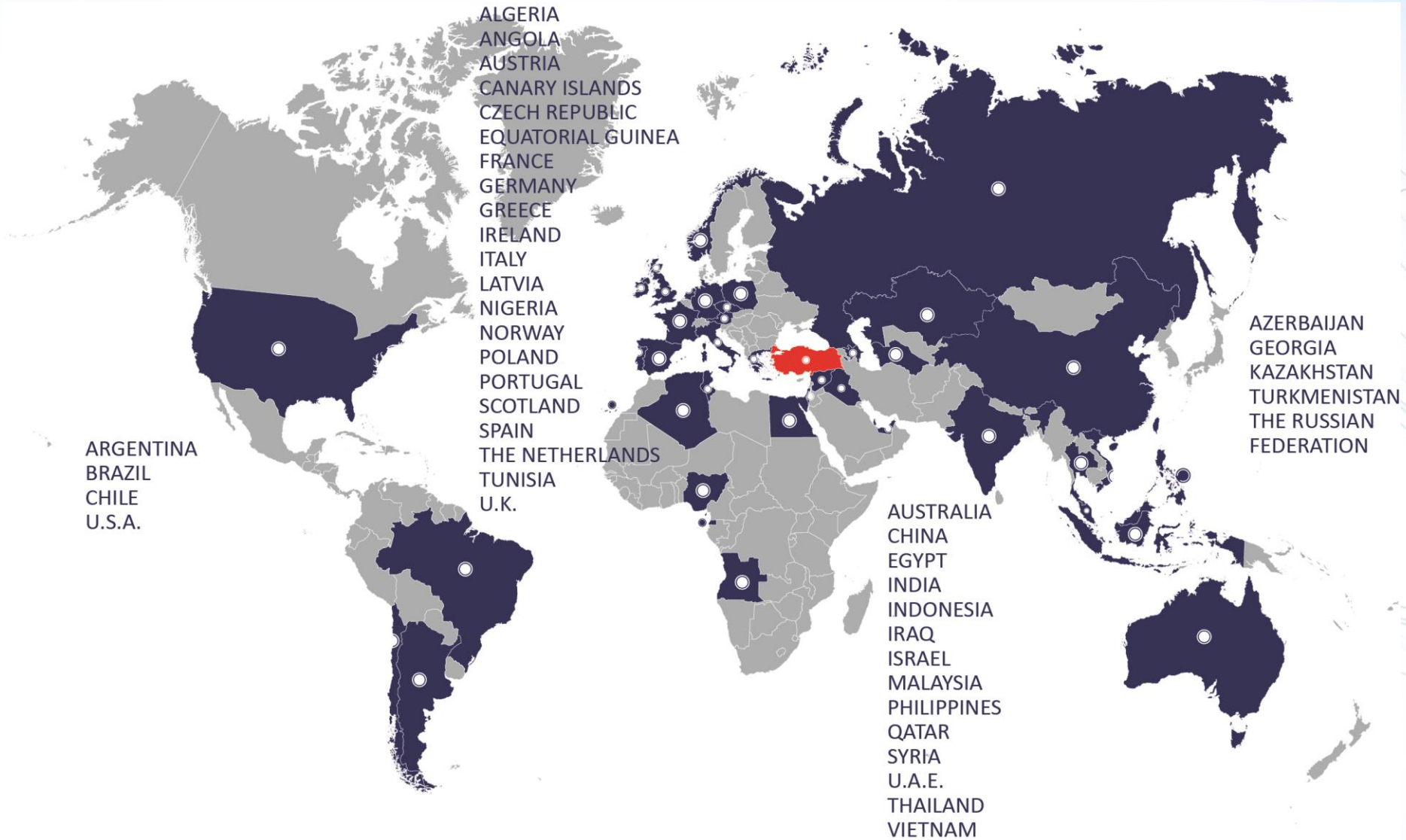


LOGISTICS

- Material Handling, Storage, Packing
- Crating, Bundling, Containerizing, Framing
- Fit-to-purpose Warehouses
- 21 Portal & Semi-Portal cranes up to 30 tons capacity
- 54 Overhead cranes up to 25 tons capacity
- 50,000 sqm stock area (538,200 sq ft)









cimtas | PIPE
FITTING
SPOOL

THANK YOU

www.cimtaspipe.com