

SěAH

Contents

SeAH Group Overview

SeAH Steel Corporation

SeAH's Jacket



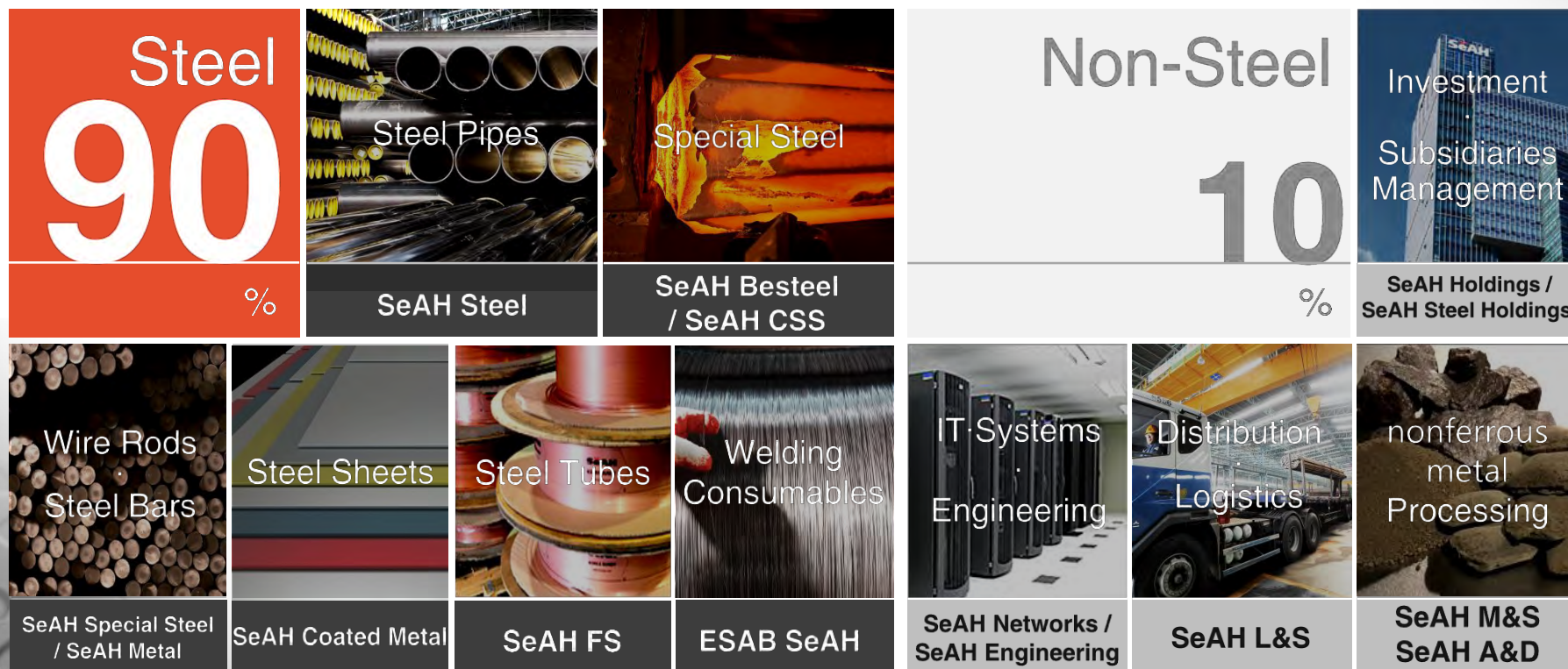
SeAH Overview



Snapshots

Founding Date	October 19, 1960
Affiliates	65 (29 Domestic and 36 Overseas Affiliates)
Listed firms	5 (SeAH Holdings, SeAH Steel Holdings, SeAH Steel, SeAH Besteel, SeAH Special Steel)
Sales	5.8 Billion (Dept ratio 82%) in 2020

Business Sectors



SeAH Steel

BUSINESS OVERVIEW

Listed on KOSPI

Founded	1960
Locations	Seoul(HQ), Pohang, Gunsan, Suncheon, Changwon
Sales	\$ 906 million (2020)
Assets	\$ 930 million (2020)
Products	Carbon steel pipes and Stainless steel pipes

No.1 steel pipe manufacturer in Korea

A comprehensive steel pipe producer

- Produces an entire range of welded steel pipes from general purpose to high-end custom-made products

Top notch quality and capacity

- Became Korea's first steel pipe exporter in 1967 and developed API steel pipes in 1980



History & Growth

SeAH

1960

- 1960 Pusan Pipe (SeAH Steel Holdings) founded
- 1965 Acquired KS Mark
- 1967 **The first steel pipe exporter in Korea**
- 1969 Carried out IPO

1980

- 1981 USD 100 Million Export Award / Gold-Tower Industrial Award
- 1987 Establishment of R&D Center

1990

- 1990 Started Stainless Steel Pipe business
- 1996 **Pusan Pipe and all subsidiaries renamed as 'SeAH'**

2010

- 2010 **Establishment of SeAH Steel U.A.E. LLC.**
- 2012 **Establishment of Suncheon Plant**
- 2013 **Establishment of JCOE Plant**
- 2014 **INOX TECH, an Italian stainless steel pipe manufacturer, acquired**
- 2018 SeAH Steel Holdings launched, DOSCO acquired, Subsidiary (SeAH Global (Thailand)) established

Pioneer

Challenge

Advance



SeAH Steel

BUSINESS FIELD IN KOREA



Total 1.52 million metric ton Capacity

SeAH

Pohang Plant

- **Products** : Steel pipes for oil suppliers, oil wells, plumbing, and structure, material pipes
- **Markets** : Energy, Construction, Shipbuilding, Offshore Plants, Automobile
- **Capacity** : 1.05 million tons

Gunsan Plant

- **Products** : Steel pipes for plumbing, material and structure
- **Markets** : Construction, Automobile
- **Capacity** : Rolling 250,000 tons, Galvanizing 150,000 tons

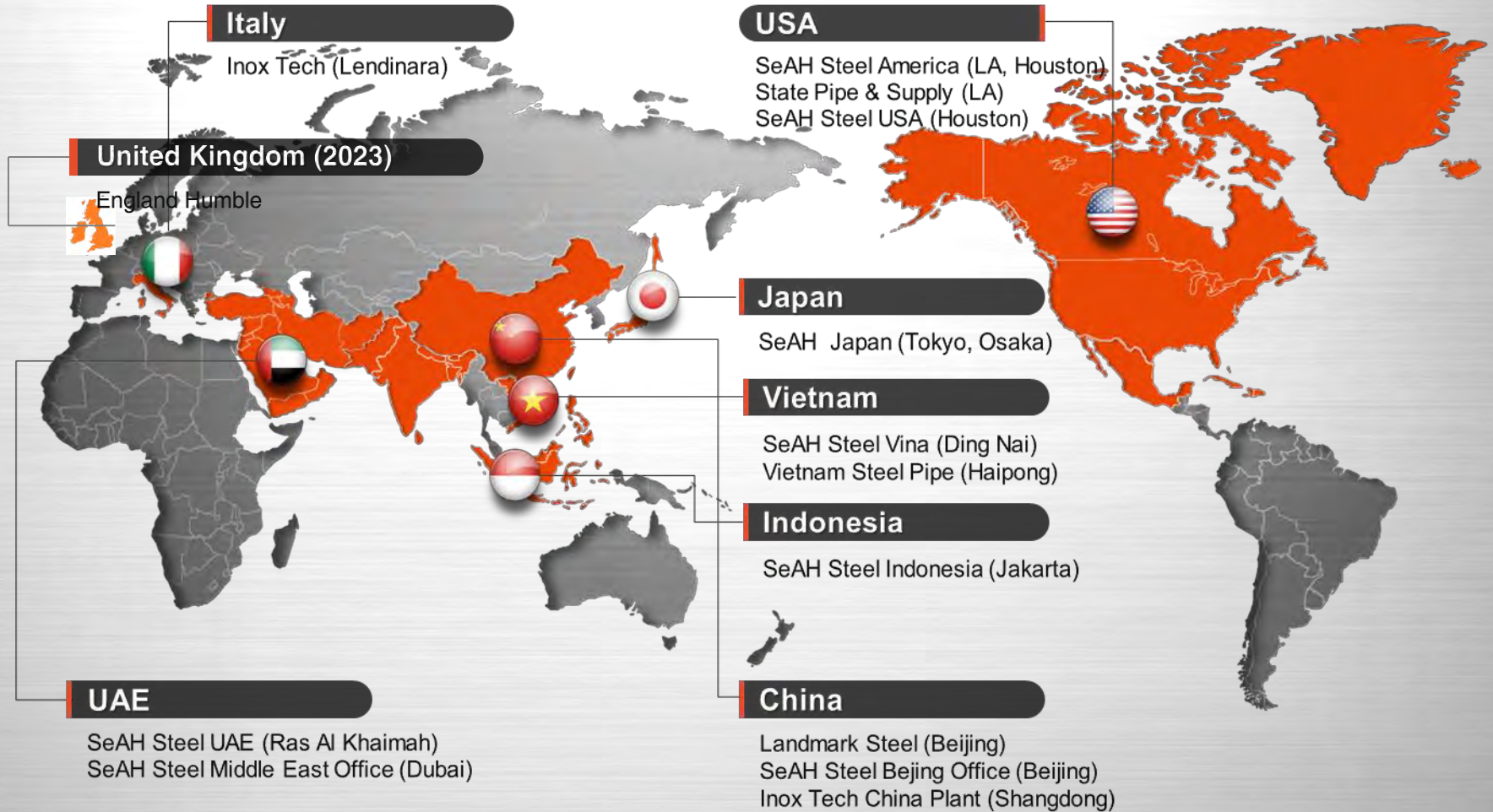
Suncheon Plant

- **Products** : Large diameter steel pipes, Stainless large-diameter steel pipes, Spiral steel pipes
- **Markets** : Construction, Shipbuilding, Offshore Plants
- **Capacity** : 180,000 tons

Changwon Plant

- **Products** : Stainless steel pipes, Titanium tubes
- **Markets** : Construction, Shipbuilding, Offshore Plants
- **Capacity** : 40,000 tons

Global Network



25 Operating Sites in 8 Countries

Jacket Business

Single Can

Stub Node

P2P Leg

Pin pile

Semi fabricated Jacket

Fully fabricated Jacket



Manufacturing Capacity of Team SEAH in Korea



SeAH Steel		O.D.	W.T.	Length	Capacity
HFW (ERW)		1/2" ~ 24"	1.2~22MM	Max 24M	1,200,000MT
EFW (SAW)	SAWH	16" ~ 160"	6~25.4MM	Max 70M	165,000MT
	SAWL (ROLL BENDER)	1,000mm ~ 6,500mm	Max 150MM	4.2M	120,000MT
	SAWL (JCOE)	457mm ~ 1,625mm 406.4mm ~ 1,830mm	Max 50MM Max 120MM	18.3M 13.2M	300,000MT 120,000MT

Team SEAH

SAWL Roll Bender (4R/B) 120,000MT

SAWL Press bender (5P/B) 420,000MT

3 Saddle Cut Machines (OEM)

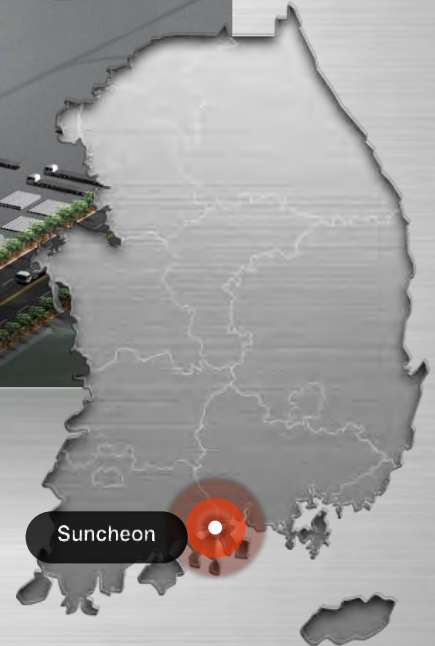
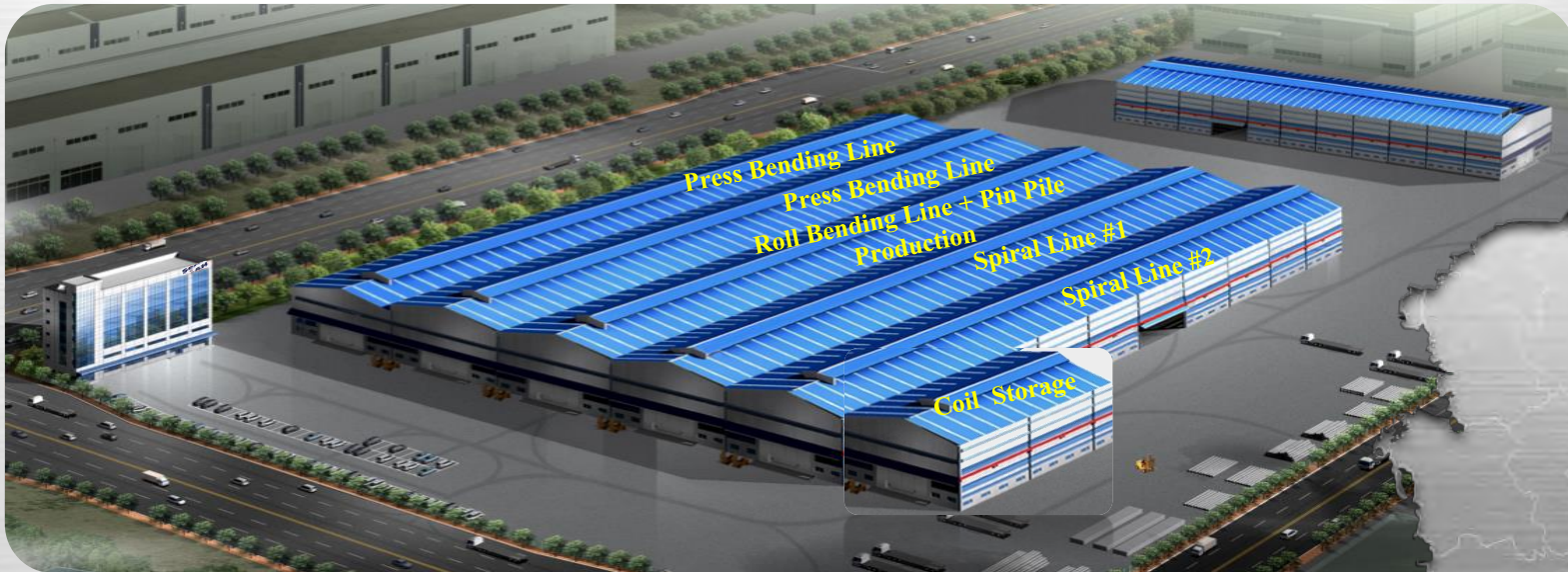
ERW 1,200,000 MT + SAW 705,000 MT = Total 1,905,000 MT

Pin Pile fabrication 4pcs per week

Transition Piece 1 per week

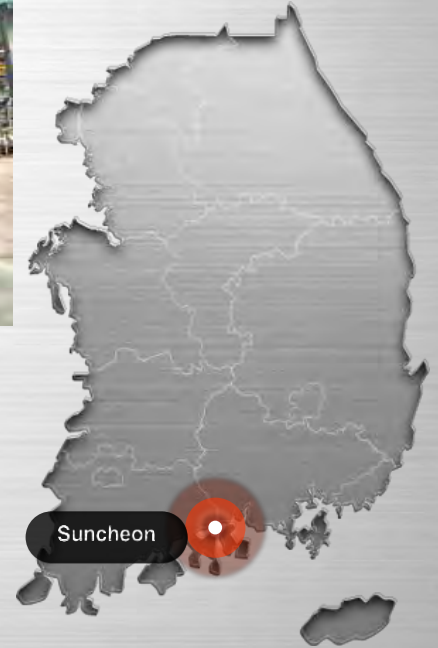
Fully fabricated Jacket (OEM) 1 Jacket per week

Suncheon Plant Layout



Products	JCOE Pipes, Spiral Pipe, Rolled Bended Pipe
OD	406.4mm – 6500mm
WT	150mm
Lengths	100 meters Circ Welded
End Use	Single Can, Jacket Legs, Braces, Fabrication of Pin Piles

SEAH OF Plant



Products

P2P (Circumferential Welding)

OD

355mm – 6500mm

WT

150mm

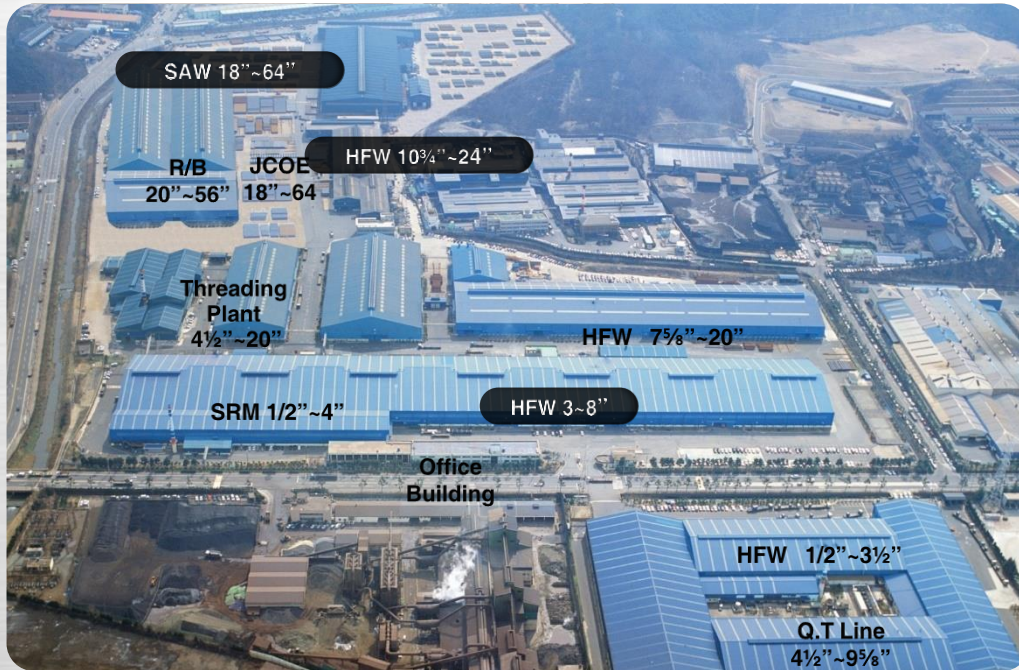
Lengths

100 meters Circ Welded

End Use

Jacket Legs and Braces, Pin Piles, Point to Point Welding, Fabrication of Pin Piles

Pohang Plant Layout



Products

Bracing Pipes

OD

457mm – 1,625mm

WT

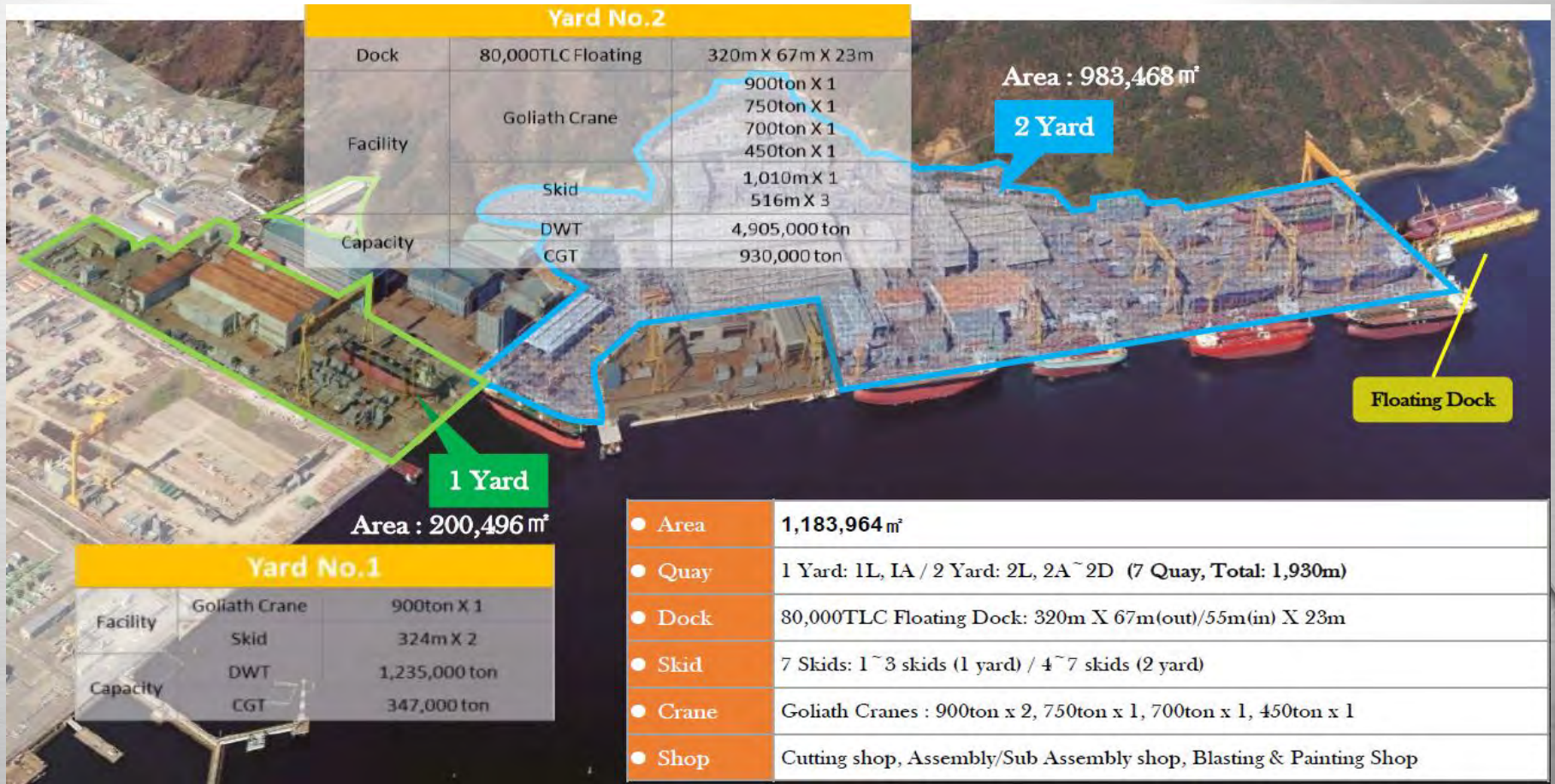
Max. 50.8mm

Lengths

18.3 meters

End Use

Jacket Braces, J-Tubes

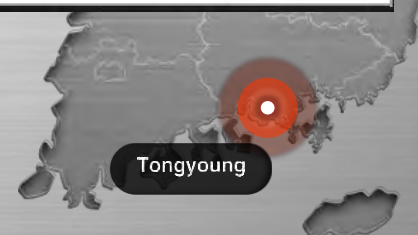


Products

JACKET(Fixed & Floating) / TP

Capacity

1 FULL JACKET/ WEEK, 48 FULL JACKET/ YEAR



Product Photo P2P Leg



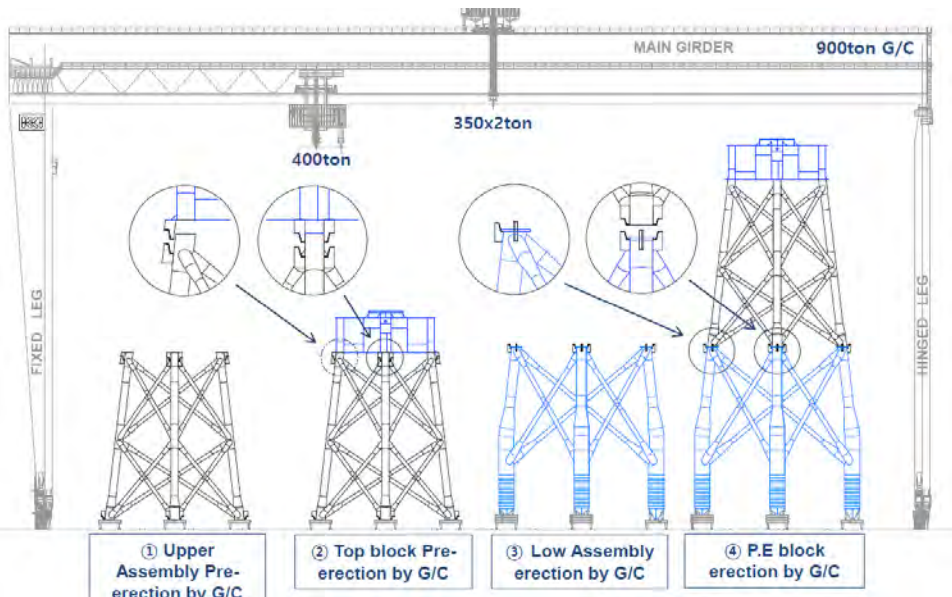
Product Photo Node & Stub & Cone



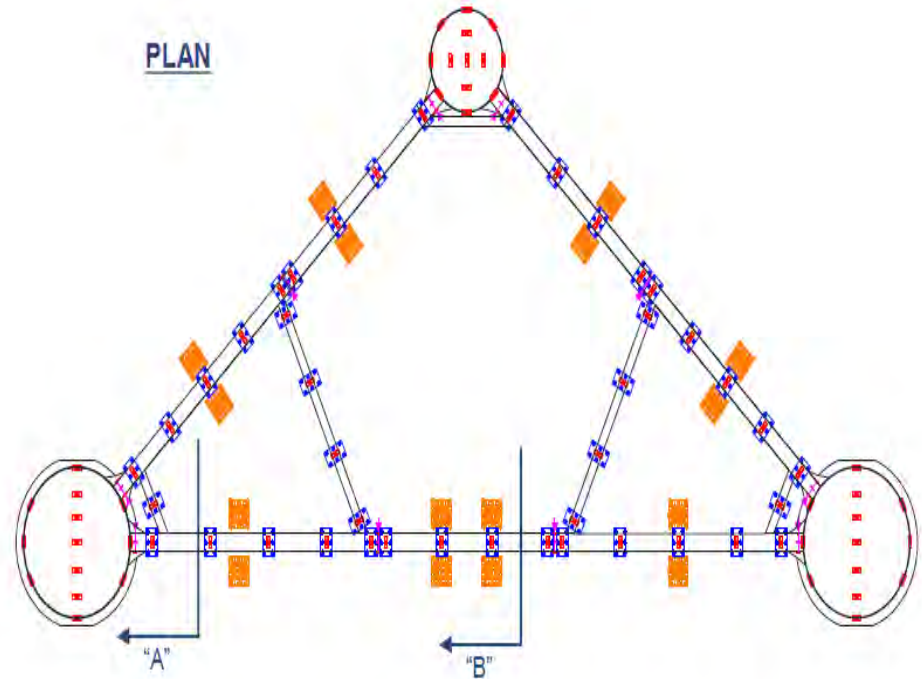
Product Photo Pin pile



Product Photo FULL SET JACKET



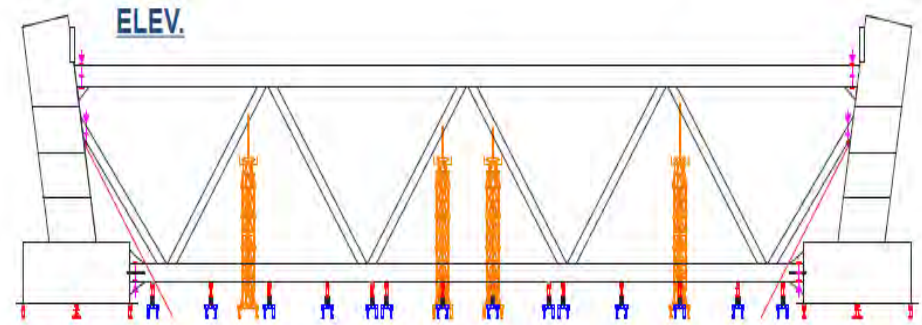
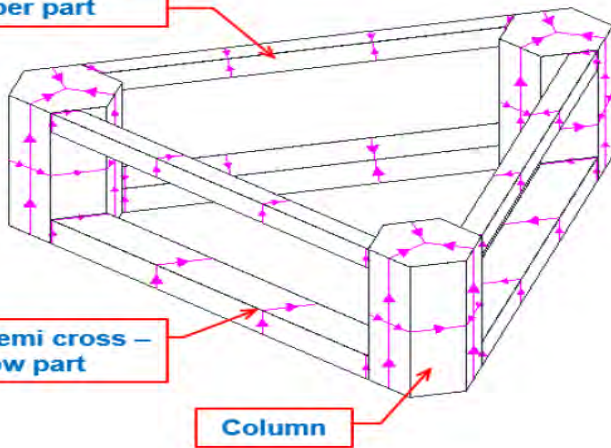
Product Photo Fabrication of Floater



Wind semi cross –
Upper part

Wind semi cross –
Low part

Column



Project Reference - Details

Year	Project	Foundation	Product Range	OD mm	WT mm	Grade	Ton	Qty
2017	EA1	Jacket	Braces	600-850	30-50	S355ML	21,000	x 32 Jackets
"	"	"	Legs	1000-1700	50-90	S355ML		x 32 Jackets
"	Dounreay	Floating	Braces	800-1200	25-50	S355ML	3,000	x 1 Floater
2019	Moray East	Pin Piles	Pile Sections	2046	50-60	S355ML	14,000	x 150 Piles
"	Hornsea	OSS Jacket	Braces	600-850	30-50	S355ML	200	x 1 OSS
"	Changhwa	Pin Piles	Piles	3099	50-75	S355ML/S420ML	24,000	x 80 Piles
2020	G. Changhwa	OSS Jacket	Braces	600-900	30-60	S355ML	5,200	x 1 OSS
"	"	"	Legs	900-2000	50-100	S355ML		"
"	NNG	Jacket	Braces	600-850	30-50	S355ML	19,500	x 18 Jackets
"	"	"	Legs	1000-1800	50-100	S355ML/S420ML		"
"	St Briec	Jacket	Braces	600-800	30-50	S355ML	40,000	x 62 Jackets
"	"	"	Legs	1000-1700	50-90	S355ML		"
"	CFXD	Jacket	Braces*	600-900	30-60	S355ML	8,000	x 8 Jackets
"	"	"	Legs*	900-2000	50-100	S355ML		x 8 Jackets
"	Formosa II	Jacket	Braces	600-900	30-60	S355ML	2,300	J-Tube

Inspired
by
SěAH