



PIPES

+

transportation

=

enriching
lives

SAW PIPES



JINDAL SAW LTD.
TOTAL PIPESOLUTIONS

VISION



courage



going the distance

THE GROUP

Founded in 1952 by Sh. O.P. Jindal, a first generation entrepreneur who started an indigenous single-unit steel plant in Hisar, Haryana.

The group today enjoys global presence with manufacturing facilities across India, USA, Europe, Middle East & Indonesia, mining concessions in Chile, Australia, Indonesia, South Africa & Mozambique with marketing offices around the world. The group is a \$20 billion conglomerate with business interest spanning steel, pipes, mining, power, industrial gases, cement and seaport facilities. The group has further diversified into petroleum, diamond, high value metals and mineral exploration.

Jindal SAW Limited was founded in the year 1984 by Mr. P.R. Jindal.

With an enviable track record of stability, trust, growth and performance for the last 30 years, Jindal SAW is now the undisputed leader in the pipe industry with manufacturing facilities in India, UAE, Europe and USA. Jindal SAW manufactures Long Seam SAW Pipes, Helical (spiral) Seam SAW Pipes, Anti-corrosion and Concrete Weight Coatings, Hot Induction Bends, Connector Casings, Ductile Iron Pipes & Fittings, Stainless Steel Pipes & Tubes, Seamless Tubes & Pipes. Jindal SAW has further diversified into mining & pellets. Our customers include world's leading oil & gas companies, government bodies heading irrigation and water resource, engineering & construction companies which undertake large EPC contracts, transportation, power generation and other industrial applications.

Jindal SAW Ltd. is the market leader in the manufacturing of large diameter submerged Arc Welded (SAW) Pipes. This particular type of pipe is primarily used in transportation of Oil, Gas, Slurry and Water.

With the first SAW Pipe mill (UOE) commissioned in the year 1987, Jindal SAW Ltd. became the 1st Pipe Mill to produce LSAW Pipes in India. To cater to the rising global demand, SAW Pipes division continued and now has expanded to seven Pipe Mills in India and two in the United States.

The endeavour of the organisation is to be regarded as a 'Total Pipe Solutions' provider.

STRENGTH



wisdom



sustainable growth

JINDAL SAW LIMITED

LINE OF PRODUCTS - SAW PIPES

LSAW Pipes

HSAW Pipes

Anti-Corrosion Coatings

Concrete Weight Coatings

Hot Pulled Induction Bends

Connector Casings

Anode Installation

Monel Sheathing

Clad Pipes [Under Development]

SKILLS + infrastructure

= unmatched capabilities



**SPIRAL-5
MS, USA**
PRODUCT: HSAW PIPES
FORMING PROCESS: HELICAL [SPIRAL]
MIN. DIA: 18"
MAX. DIA: 120"
MAX. WT.: 1"
MAX. GRADE: X 80
CAPACITY: 375,000 MT p.a.

Jindal SAW Limited owns and manages few of the most advanced pipe-manufacturing units in India. With multiple manufacturing facilities, Jindal SAW Group is one of the largest SAW pipe manufacturing companies in the world with a capacity of approximately 2.2 million metric tons per annum.

With the latest manufacturing equipment, world-class testing laboratories, highly motivated and experienced manpower, Jindal SAW has a rich experience of supplying large quantities of high strength API Grade Pipes.

Jindal SAW's quest for offering the best and the latest is driving it to include in its portfolio – Clad Pipes (under development), Stainless Steel Pipes and Low Temperature Application Pipes (upto -60 degree Centigrade).

The company has manufactured and supplied approximately 33,000 Kms of Line pipes & exported over of 15,500 Kms of Line pipes for on-shore and off-shore applications across the world.

**SPIRAL-1
SAMAGHOGHA, MUNDRA**
PRODUCT: HSAW PIPES
FORMING PROCESS: HELICAL [SPIRAL]
MIN. DIA: 18"
MAX. DIA: 100"
MAX. WT: 0.787"
MAX. GRADE: X 80
CAPACITY: 150,000 MT p.a.

**SPIRAL-2
SAMAGHOGHA, MUNDRA**
PRODUCT: HSAW PIPES
FORMING PROCESS: HELICAL [SPIRAL]
MIN. DIA: 18"
MAX. DIA: 136"
MAX. WT: 1"
MAX. GRADE: X 80
CAPACITY: 240,000 MT p.a.

**JCO-2
SAMAGHOGHA, MUNDRA**
PRODUCT: LSAW PIPES
FORMING PROCESS: J-C-O-E
MIN. DIA: 16"
MAX. DIA: 42"
MAX. WT: 1"
MAX. GRADE: X 80
CAPACITY: 250,000 MT p.a.

**JCO-1
NANAKAPAYA, MUNDRA**
PRODUCT: LSAW PIPES
FORMING PROCESS: J-C-O-E & U-O-E
MIN. DIA: 16"
MAX. DIA: 48"
MAX. WT: 1.5"
MAX. GRADE: X 80
CAPACITY: 300,000 MT p.a.

**JCO-3
NANAKAPAYA, MUNDRA**
PRODUCT: LSAW PIPES
FORMING PROCESS: J-C-O-E
MIN. DIA: 18"
MAX. DIA: 60"
MAX. WT: 2"
MAX. GRADE: X 80
CAPACITY: 300,000 MT p.a.

**SPIRAL-4
KOSI KALAN, U.P.**
PRODUCT: HSAW PIPES
FORMING PROCESS: HELICAL [SPIRAL]
MIN. DIA: 18"
MAX. DIA: 120"
MAX. WT: 0.708"
MAX. GRADE: X 80
CAPACITY: 150,000 MT p.a.

**SPIRAL-6
INDORE, M.P.**
PRODUCT: HSAW PIPES
FORMING PROCESS: HELICAL [SPIRAL]
MIN DIA: 18"
MAX DIA: 130"
MAX WT: 1"
MAX GRADE: IS3589/5504
CAPACITY: 110,000 MT p.a.

**SPIRAL-3
BELLARY, KARNATAKA**
PRODUCT: HSAW PIPES
FORMING PROCESS: HELICAL [SPIRAL]
MIN. DIA: 20"
MAX. DIA: 156"
MAX. WT: 1"
MAX. GRADE: X 80
CAPACITY: 200,000 MT p.a.



ADAPT



adopt = staying ahead

COATING PROCESSES

Jindal SAW Ltd. realizes that markets are ever-changing and so are demands. Therefore innovation, expansion and proliferation have become the markers of Jindal SAW's growth.

Keeping the vision of 'integration' in mind, Jindal SAW has the leverage of at least one Coating Facility integrated with each of its Pipe Plants to facilitate

supply of Coated Pipes. From an efficiency point of view, this expansion model has been highly successful.

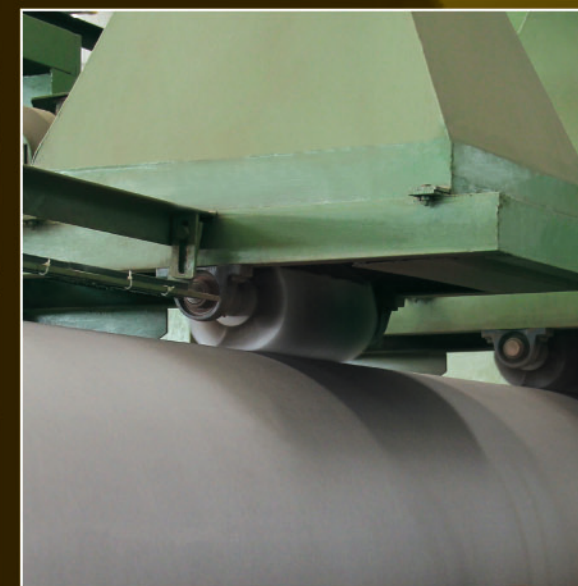
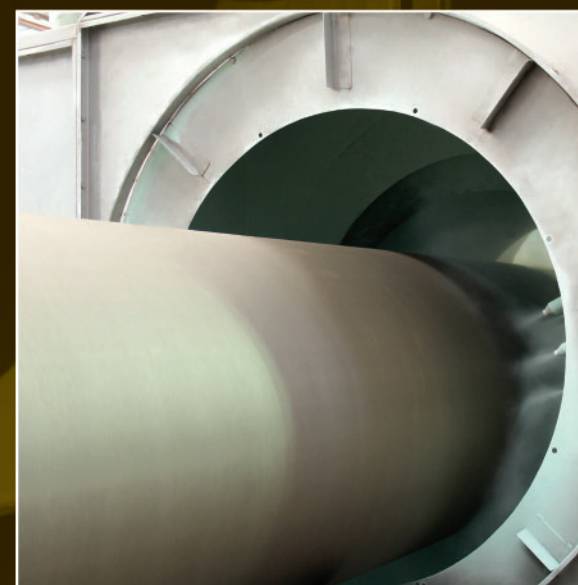
Jindal SAW set up its maiden coating mill in the year 1995, and now has grown to 13 Coating mills across 5 locations in India and a total of 9 coating mills across 2 locations in the United States.

INDIA

Location	Nanakapaya, Samaghogha & Paragpar - Port Mundra, Gujarat	
	Kosi - U.P.	
	Bellary - Karnataka	
No. of Plants	13	
Type of Coating	External	Three Layer Polyethylene (3LPE)/Polypropylene (3LPP) Fusion Bonded Epoxy (FBE)/Dual Layer Fusion Bonded Epoxy (DFBE) Abrasive Resistant Overcoat (ARO) Coal Tar Enamel (CTE), Asphalt Enamel (AE) Coal Tar Epoxy, Glass Flake Epoxy Tape Coating, Coal Tar Tape Coating Three Layer Polyolefin Coating CTE Wrapping, Painting, Gunning External Polyurethane (PU) Concrete Weight Coating (CWC)
	Internal	Fusion Bonded Epoxy (FBE), Epoxy Flow Coating Cement Mortar Lining (CML) Food Grade Epoxy, Coal Tar Epoxy Polyurethane (PU)
OD Range	3" To 130"	
Pipe Length	Upto 24 Mtrs [QRL's]	

USA

Location	Baytown	
	Mississippi	
No. of Plants	9	
Type of Coating	External	Fusion Bonded Epoxy (FBE)/Dual Layer Fusion Bonded Epoxy (DFBE) Abrasive Resistant Overcoat (ARO) Polyurethane (PU)
	Internal	Epoxy, Cement Mortar Lining (CML) Painting
OD Range	4.5" To 120"	
Pipe Length	Upto 24 Mtrs [QRL's]	



CORE COMPETENCE

+ innovation = value added offerings

OTHER OFFERINGS



In line with our company's inherent vision of being a 'Total Pipe Solutions' provider, Jindal SAW offers following value added products & services in it's portfolio:

CONNECTOR CASINGS

Jindal SAW welds connectors onto pipes that are used in outer casings for underground drilling applications. The connectors are sourced from approved vendors.

DOUBLE JOINTING

To take advantage of advancement in technology & infrastructure to fabricate and transport longer length pipes, Jindal SAW has recently commissioned Double Jointing Rack at Port Mundra facility to supply Pipes in quadruple lengths (QRL- 24 meters). This is achieved by girth welding two pipes of double random lengths each. Our current capacity is from 16" OD to 60" OD.

BENDS

A modern Hot Pulled Induction Bends facility of size range from 4" OD to 48" OD was set up within the Kosi Kalan complex in the year 1998. In order to cater to the export market, another facility for induction bends at Samaghogha was installed having size range from 6" OD to 56" OD. Over 10,000 bends have been manufactured by Jindal SAW.

Coating on Hot Induction Bends

Following are the types of coating offered on Bends:

External: FBE/ DFBE, HSS, Painting, Concrete Weight Coating [CWC]
Internal: Painting

MONEL SHEATHING

Application of Monel Sheathing is done for protection of offshore pipelines, which are above sea-water.

Monel strip of 5mm thickness is welded and tested for 100% dye penetration. A section is cut from longitudinal and circumferential welds for metallographic examination to ensure that the welds are free of slag inclusions and cracks.

The entire welding process is done as per qualified procedure in the downhill position, using ERNiCu-7 filler wire & ERNi-1 filler wire.

ANODES

Sacrificial Anodes are applied on the anti-corrosion coated pipes for protection from rust and to increase the life of the pipeline.



DELIVERY

+ value =

long lasting relationship



During its decades of operations in the national and international markets, Jindal SAW has established a coveted list of clients and maintained long-lasting relationships.

Its network of international operations & state-of-the-art infrastructures has empowered an active contribution in meeting the demanding needs of the global energy industry. Jindal SAW customers include some of the biggest global names in the oil & gas and water industries. It has supplied pipes to, and for almost all major oil & gas companies across the globe. With its focus on total customer satisfaction, Jindal SAW has never lost any customer. The record of repeat orders is very high with some customers repeating orders even in the short span of a decade.

Through technical competence, complete reliability on product quality and time commitments on deliverables, including repeat orders, the client base is ever growing across the globe.



With stepped up advocacy for universal access in the built environment, Jindal SAW's CSR initiative 'Svayam' has been instrumental in influencing policy makers to incorporate steps to meet the rising demands of inclusivity for all.

Apart from the CSR activities, Jindal Saw has a very well-disposed approach in continual advancing the facilities for its employee & their families. A winning workplace culture has been very vital in the company's success.



QUALITY

consistency

trust

TRACK RECORD & CERTIFICATIONS

Mills in India have the following Certifications:

- API 5L
- ISO 9001
- ISO 14001
- OHSAS 18001
- ISO/TS 29001
- IS 3589
- IS 5504
- Low Temperature Applications

Material Testing Labs are Accredited by:
NABL as per ISO/IEC 17025

Mills in USA have the following Certifications:

- API 5L
- API Q1
- ISO 9001

- LSAW Pipes
- HSAW Pipes
- DUCTILE IRON PIPES & FITTINGS
- SEAMLESS TUBES & PIPES
- PELLETS
- ANTI-CORROSION COATINGS
CONCRETE WEIGHT COATINGS
- HOT INDUCTION BENDS
- CONNECTOR CASINGS
- STAINLESS STEEL PIPES
- CLAD PIPES (Under Development)
- HDPE PIPES

TRACK RECORD OF LSAW / HSAW

(as on 31st December, 2021)

Total Line Pipe:	38,850 Kms.
X-70:	9,475 Kms.
NACE:	6,866 Kms.
Export:	17,619 Kms.
External Coating:	76,292 Kms.
Internal Coating:	10,125 Kms.
CWC:	3,149 Kms.
Bends:	12,261 Kms.
Bends Export:	4,598 Pieces
Bends Coating:	5,427 Pieces
Connector Casing:	804 Kms.



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TOTAL PIPE SOLUTIONS

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