

JINDAL SAW LIMITED...

A Journey

JINDAL

O.P. JINDAL GROUP - PROFILE

The Jindal Group was founded in 1952 by steel visionary Late Mr. O.P Jindal, a first generation entrepreneur who started an indigenous single-unit steel plant in Hisar, Haryana.

Over the last three decades the Group has grown to be a US \$ 16.5 Billion, multi-national and multi-product steel conglomerate.

The technology driven group employs about 69,970 people across the globe.

Activities of the O.P Jindal Group
Comprises of 7 business sectors:

SAW Pipes, DI Pipes, Seamless Tubes
Carbon Steel
Stainless Steel
Sponge Iron
Power
Maritime Infrastructure
Mining

The group has a market capitalization of US \$ 16.5 Billion.

O.P. JINDAL GROUP - SNAPSHOT



O.P. JINDAL GROUP

COMPANY PROFILE

JINDAL SAW LIMITED, a part of \$ 16.5 Billion **O.P Jindal Group**, is the largest pipe manufacturing company in India. As a part of country's top most industry houses and the foremost indigenous steel producers and exporters, Jindal Saw has effectively established itself as a global major and a market leader. Jindal SAW with its four Strategic Business Units spread in India and overseas, is the only Company that offers **TOTAL PIPE SOLUTIONS**:

Strategic Business Unit I	:	Large Diameter Pipes Unit
Strategic Business Unit II	:	Seamless Pipes Unit
Strategic Business Unit III	:	DI Pipes Unit
Strategic Business Unit IV	:	U.S Operations - Jindal SAW USA LLC, Coating and Double Jointing operation located in Baytown, TX, United States.
Strategic Business Unit V	:	Iron Ore Mine – Location Bhilwara, Rajasthan. Apprx. 180 million tons of reserves/resources of various categories of Iron Ores, the mine has production capacity of 2 million Tons per annum.

Jindal SAW's entrepreneurial spirit has found expression in diversification – **Jindal ITF**, the Infrastructure arm of Jindal SAW which owns and operates businesses in three segments of Indian Economy:

- **Infrastructure**
- **Transportation**
- **Fabrication**

Within these three areas, **Jindal ITF** is developing businesses which offer significant growth opportunities in the future through following companies:

- **JITF WATER INFRASTRUCTURE LTD. – Water conservation, Waste Water treatment, boot project in housing and industrial water.**
- **JITF WATERWAYS LTD. – Coastal water transportation**
- **JITF URBAN INFRASTRUCTURE LTD. – Municipal Solid Waste to Power.**
- **JITF RAIL INFRASTRUCTURE LTD.. – Rail Wagon manufacturing**

EVOLUTION HISTORY ~ Jindal SAW Limited

- 1984 : Founded in 1984
- 1986 : Commissioning of 1st and only UOE Pipe Mill manufacturing LSAW Pipes in Kosi Kalan, India with capacity of 250,000 M.T P.A located about 1200 Kms from nearest west coast port of India.
- 1988 : API Line Pipe production commences.
- 1989 : First order for ONGC casing Pipe Completed.
- 1992/93 : 3 major offshore projects awarded by ONGC under international competitive bidding. Italian and Japanese being L2 and L3 bidders.
- 1994 : Seamless Pipes and Tubes Division Commissioned at Nashik.
1st Coating plant commissioned at Kosi Kalan
- 1995 : Received first export order.
- 1998 : 1st Induction bending plant commissioned at Kosi Kalan.
- 2000 : Commissioning of 2nd LSAW pipe manufacturing facility as 100% export oriented unit using JCO forming process at Nanakapaya, Mundra to meet export market with capacity of 300,000 M.T P.A close to Port Mundra - The first major private port on west coast of India.
Internal coating plant commissioned at Kosi Kalan.
Commissioning of 2nd Coating plant at Nanakapaya - Port Mundra



EVOLUTION HISTORY

- 2002 : Concrete weight coating plant commissioned at Nanakapaya - Port Mundra
- 2003 : Commissioning of 3rd Coating plant at Samaghogha, Mundra.
- 2004 : Commissioning of 3rd Pipe mill manufacturing LSAW Pipe using JCO forming process in Samaghogha, Mundra with capacity of 250,000 M.T P.A
- 2005 : Commissioning of 4th Pipe mill manufacturing HSAW (Spiral) Pipe at Samaghogha, Mundra with capacity of 150,000 M.T P.A
- 2005 : Start up of Integrated Pipe Unit Ductile Iron Pipe manufacturing plant of 200,000 MT per annum capacity along with Blast Furnace of 250,000 MT per annum capacity and a Coke Oven Plant.
- 2008 : Commissioning of 5th & 6th Pipe mill manufacturing HSAW (Spiral) pipe at Bellary-Karnataka and Samaghogha-Mundra with combined capacity of 390,000 M.T P.A.
- 2008 : 2nd Induction bending plant commissioned at Samaghogha, Mundra.
- 2009 : Commissioning of 7th Pipe mill manufacturing LSAW using JCO forming in Nanakapaya - Port Mundra with capacity of 300,000 M.T P.A.
- 2011 : Commissioning of 8th Pipe mill manufacturing HSAW (Spiral) pipe at Kosi Kalan, Mathura, U.P with capacity of 150,000 M.T P.A. This mill is commissioned to cater to the water sector.



PIONEERING EFFORTS



FIRST

Company to set up UOE Pipe mill manufacturing facility in India.

Company to produce API Line Pipes - LSAW in India.

Pipe mill to export Line Pipes from India. First Order received from Joannou & Paraskevaides overseas Ltd, a Greek Company and Entrepouse Contracting of France in 1994-95. The ultimate buyer was Repsol, Libya.

Pipe mill having accredited to ISO 14001 Certification for Environmental Management System Standards & 18001 for OHSAS

Company to manufacture and supply X 70 Sour Service Pipes to Oman

Pipe Mill from India to Export pipes to countries like Australia, Brazil, Chile & Turkmenistan

Pipe Mill to manufacture and supply the world's largest thermal insulation coated line pipes (Approx 670 Kms) for transportation of heavy crude from Barmer to Salaya. The insulation coating was carried out by M/s Perma Pipe at our Pipe mill premises.

Pipe Mill to win top Exporters/Highest Exports awards from Engineering Export Promotion Council in 1996, 1997, 1998, 1999, 2000, 2001, 2003-04, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2011-12

Pipe Mill to win award for Star Performance (EEPC) for the year 2005-06.

PIONEERING EFFORTS

Limca

Book of Records

World Record 2011

Cairn India made the world's longest continuously heated and insulated pipeline in June 2008 which passes through two states, Gujarat and Rajasthan travelling over ~670 km to reach Bhogat near Jamnagar, Gujarat. The heating of the pipeline is based on an electric heat induction technology named Skin Effect Heat Management System (SEHMS).

Vijaya Ghose

Vijaya Ghose
Editor, Limca Book of Records

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OUR VALUES



Jindal SAW believes in core values of ethics, transparency and empathy.



Key Strengths - technical competence, innovation, financial strength, a reputation for fulfilling commitments to customers, quality being of paramount importance.



Human resource is considered as most valuable asset and therefore its development and training is of prime focus.



System oriented organization.



The company considers concept of reliability pivotal in today's highly competitive & dynamic global scenario.

UNIQUE ADVANTAGES

- One of the largest manufacturer and exporter of Line Pipes in Asia after Japan.
- Total Pipe Solution: Line Pipe, Induction Bends, Anti - Corrosion, Concrete Coating & Thermal Insulation coating.
- The sales portfolio of Jindal SAW between Export and Domestic had been 60 : 40 roughly during the last 10 years.
- Manufacturing facilities strategically located in India can manufacture around 10 kms of Longitudinal pipes per day and 5.5 Kms of Spiral Pipes per day of ideal sizes.
- Key Strengths - technical competence, innovation, financial strength, a reputation for fulfilling commitments to customers, quality being of paramount importance.

PRODUCT PORTFOLIO

LARGE DIAMETER PIPE SBU

LINE PIPES

LONGITUDINAL SUBMERGED ARC WELDED PIPES (LSAW/ DSAW) ADOPTING (U-O-E & J-C-O PROCESS)

HELICAL SEAM SUBMERGED ARC WELDED PIPES (HSAW)

ANTI - CORROSION & WEIGHT COATINGS

3 LAYER POLYETHYLENE/ 3 LAYER POLYPROPYLENE
FUSION BONDED EPOXY (FBE)/ DUAL LAYER FUSION BONDED EPOXY (DFBE)
COAL TAR ENAMEL (CTE)
INTERNAL FLOW EFFICIENCY
INSULATION COATING
CONCRETE WEIGHT COATING (CWC)
ANODE INSTALLATION
MONEL SHEATHING

CONNECTOR CASINGS

HOT PULLED INDUCTION BENDS



PRODUCT PORTFOLIO

LARGE DIAMETER PIPE SBU

- Eight state-of-the-art manufacturing facilities in India to cater to the growing needs of hydro carbon, water, slurry/concentrate transportation.
- The combined installed large diameter pipe manufacturing capacity of these facilities is 1.84 Million Tons P.A

The size range of the LSAW/ DSAW Pipes:

Outer Wall Diameter : Between 16 inch - 60 Inch
Wall thickness : Up to 2 inch.
Combined Installed Capacity: 1.1 Million Tons P.A
(Total 4 mills out of which 3 J-C-O and 1 U-O-E)

The Size range of HSAW/ Spiral Pipes:

Outer Wall Diameter : Between 18 Inch - 100 Inch
Wall Thickness : Up to 1 Inch
Combined Installed Capacity: 0.74 Million Tons P.A
(Total 4 Mills)



PRODUCT PORTFOLIO-

LSAW/ DSAW (LONG SEAM) PIPES

LARGE DIAMETER PIPE SBU

Location (Mill)	Diameter	Thickness	Grade	Capacity
JCO I - Nanakapaya	18" - 48"	Upto 1.2"	Upto API 5L, X-80 including NACE & other equivalent Grades. Pilot production of X 80 witnessed by M/s Velosi	300,000 MTPA
JCO III - Nanakapaya	18" - 60"	Upto 2.0"		300,000 MTPA
JCO II - Samaghogha	16" - 42"	Upto 1.0"		250,000 MTPA
UOE - Kosikalan	16" - 36"	Upto 1.2"		250,000 MTPA

PRODUCT PORTFOLIO-

LSAW/ DSAW (LONG SEAM) PIPES

LARGE DIAMETER PIPE SBU

OUTSIDE DIAMETER		LSAW/ DSAW PRODUCT RANGE (X 80)																							
		WALL THICKNESS																							
Inches	mm	0.25	0.281	0.312	0.344	0.375	0.406	0.438	0.5	0.562	0.625	0.75	0.812	0.875	1.00	1.25	1.281	1.312	1.344	1.375	1.406	1.438	1.5	1.562	
16	406.40	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇														
18	457.20	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇														
20	508.00		◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇												
22	558.80		◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇											
24	609.60		◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇										
26	660.40		◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇									
28	711.20		◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇									
30	762.00			◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇								
32	812.80			◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇								
34	863.60			◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇							
36	914.40			◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇							
38	965.20			◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇						
40	1016.00				◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇						
42	1066.80				◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇						
44	1117.60					◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇						
46	1168.40					◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇						
48	1219.20					◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇				
50	1270.00						◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇			
52	1320.80						◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇		
54	1371.60						◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	
56	1422.40						◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇

Note: Please consult us for Critical Grade of thicker side in above table

PRODUCT PORTFOLIO- HSAW (SPIRAL) PIPES

LARGE DIAMETER PIPE SBU

Location (Mill)	Diameter	Thickness	Grade	Capacity
Spiral I - Samaghogha, Mundra	18" - 84"	Upto 0.787"	Upto API 5L, X-80 including NACE & other equivalent Grades	150,000 MTPA
Spiral II - Samaghogha, Mundra	24" - 100"	Upto 1.0"		240,000 MTPA
Spiral III - Bellary, Karnataka	18" - 84"	Upto 0.787"		200,000 MTPA
Spiral IV - Kosi Kalan,	18" - 120"	Upto 0.708"	IS Grades	150,000 MTPA

PRODUCT PORTFOLIO- HSAW (SPIRAL) PIPES

LARGE DIAMETER PIPE SBU

OUTSIDE DIAMETER		HSAW/ SPIRAL PRODUCT RANGE (X 80)														
		WALL THICKNESS														
Inches	mm	0.25	0.281	0.312	0.344	0.375	0.406	0.438	0.5	0.562	0.625	0.75	0.812	0.875	1	1.25
		6.35	7.14	7.92	8.74	9.53	10.31	11.13	12.70	14.27	15.88	19.05	20.62	22.23	25.40	31.75
18	457.20	◆	◆	◆	◆	◆	◆	◆								
20	508.00	◆	◆	◆	◆	◆	◆	◆								
22	558.80	◆	◆	◆	◆	◆	◆	◆	◆							
24	609.60	◆	◆	◆	◆	◆	◆	◆	◆	◆						
26	660.40	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆					
28	711.20	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆					
30	762.00	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				
32	812.80	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			
34	863.60	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		
36	914.40			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		
38	965.20			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		
40	1016.00			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
42	1066.80			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
44	1117.60			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
46	1168.40			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
48	1219.20			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
50	1270.00			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
52	1320.80			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
54	1371.60			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
56	1422.40			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
58	1473.20			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
60	1524.00			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
62	1574.80			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
64	1625.60			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
66	1676.40			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
68	1727.20			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
70	1778.00			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
72	1828.80			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
74	1879.60			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
76	1930.40			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
78	1981.20			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
80	2032.00			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
82	2082.80			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
84	2133.60			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
86	2184.40			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
88	2235.20			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
90	2286.00			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
92	2336.80			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
94	2387.60			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
96	2438.40			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
98	2489.20			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
100	2540.00			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

Note: Please consult us for Critical Grade of thicker side in above table

PRODUCT PORTFOLIO- COATING FACILITY

LARGE DIAMETER PIPE SBU

Location (Mill)	Diameter	Type of Coating
Coating Unit I - Location Kosi Kalan	3" - 60"	External - 3 LPE/ 3 LPP, FBE/ DFBE, CTE Internal: Epoxy Coating
Coating Unit II - Location Nanakapaya, Mundra	4" - 68"	External - 3 LPE/ 3 LPP, FBE/ DFBE, CTE, CWC Internal: Epoxy Coating
Coating Unit III - Location Samaghogha, Mundra	4" - 64"	External - 3 LPE/ 3 LPP, FBE/ DFBE Internal: Epoxy Coating
Coating Unit IV - Location Samaghogha, Mundra	4" - 64"	External - 3 LPE/ 3 LPP, FBE/ DFBE Internal: Epoxy Coating
Coating Unit V - Location Bellary, Karnataka	4" - 64"	External - 3 LPE/ 3 LPP, FBE/ DFBE Internal: Epoxy Coating
Coating Unit VI - Location Baytown, USA	1/2" - 48"	External - 3 LPE, FBE/ DFBE - ARO/ Power Crete Internal - Epoxy Coating & Internal FBE Coating

PRODUCT PORTFOLIO- HOT PULLED INDUCTION BENDS

LARGE DIAMETER PIPE SBU

Location (Mill)	Diameter	Production Capability
Bending Unit I - Location Samaghogha, Mundra	4" - 56"	3000 units P.A
Bending Unit II - Location Nanakapaya, Mundra	4" - 48"	3000 units P.A

PRODUCT PORTFOLIO- CERTIFICATIONS

LARGE DIAMETER PIPE SBU

The company's certifications include:

- ✓ API
- ✓ ISO 9001:2008
- ✓ ISO 14001:2004
- ✓ OHSAS 18001:2007



PRODUCT PORTFOLIO

LARGE DIAMETER PIPE SBU

HEALTH, SAFETY AND ENVIRONMENT

In accordance with philosophy of our Company on Safety, Health & Environment while providing quality product and services to our customers, **JINDAL SAW LTD.** is committed in executing all its manufacturing and service activities at all locations in such a manner as to avoid any harmful effect on the environment while ensuring a safe & healthy work place to all our employees, contractors, sub-contractors, visitors or any other person. This is achieved by providing continuous learning environment by imparting both on and off-the-job training, motivational sessions and awareness programs.

All our mills are certified with ISO 14001:2004 & 18001:2007 standards

PRODUCT PORTFOLIO- TREASURE TROVE OF EXPERIENCE

LARGE DIAMETER PIPE SBU

LSAW/HSAW as on March, 2013

Line Pipe Manufactured	:	21,460 Kms.
X-70	:	4,598 Kms.
NACE	:	4,127 Kms.
Export	:	12,546 Kms.
External Anti-Corrosion Coatings (3LPE/ PP/ FBE/ DFBE/ CTE)	:	37.38 Million Sq.mtrs.
Liquid Epoxy Internal Coating	:	5.52 Million Sq.mtrs.
CWC Coating	:	145 thousand Cu mtrs.
LR Bends Fabricated	:	7,566 Pieces
LR Bends Exported	:	3,592 Pieces
Connector Casings	:	612 Kms.

LIST OF PROJECTS APPROX 150 KMS AND ABOVE

LARGE DIAMETER PIPE SBU

S.NO	PROJECT AND CLIENT DETAIL	GRADE	OD	WT	KMS	METRIC TONS	YEAR	REFERENCE
1	Gazprom, Badra CPP	X 65	24	8.7 9.53	165	22,000	2013	
2	SAIPEM SPA, ITALY PROJECT: GLADSTONE LNG, AUSTRALIA (Order in Hand)	X-70	42	14.1 TO 19.7	416	155,265	2011 - 12	MR.MATTIO CARSETTI, + 39 721 168 2549
3	CNPC, CHINA CHINA MYANMAR PIPELINE	X-70	32	11.7 TO 23.1	336	102,914	2011-12	Mr. Yang Shemin yangsm01@cnpc.com. cn 0086-10-635928778
4	SCOP, IRAQ	X-60 Gr B	42 48	14.3 9.52	304	112,481	2011-12	Mrs. Nihaad Musaa (D.G. of SCOP) scop@scop.gov.iq +96418177119
5	Concorcio- GYM Peru Congas Pipeline Prokect	X 70	20"	11.13 12.7 14.27	200	28000	2012	Mr. Jose Luis +51 998442786
6	OMAN GAS COMPANY	X-65 SOUR	32	11.9	158.13	54,643	2006	MR. MUKHTAR A AL MURAZZA, PROJECTS MANAGER + 968 2468 1630

REPEAT ORDERS FROM CERTAIN CLIENTS

LARGE DIAMETER PIPE SBU

S.NO	PROJECT AND CLIENT DETAIL	GRADE	OD IN.	WT	KMS (Approx.)	Metric TONS (Approx.)	YEAR	REFERENCE
1	OMAN GAS COMPANY (OGC), OMAN	X 60/ X 65 (SOUR)	18 TO 32	VARIOUS	588	108,620	2004-2009	"MUKHTAR A AL-MURAZZAPROJECTS MANAGER00968 2468 1630M.MURAZZA@OMAN-GAS.COM.OM"
2	PETROLEUM DEVELOPMENT OMAN (PDO), OMAN	X 52 - X70 (SOUR/ NON SOUR)	18 TO 36	VARIOUS	554	109,669	2000-2009	"NASSER M AL HARTHY HEAD PIPELINEPROJECT CONSULTATION00968 675 147NASSER.NM.HARTHY@PD O.CO.COM"
3	SAUDI ARAMCO, SAUDI ARABIA	X 52 - X70 (SOUR/ NON SOUR)	20 TO 56	VARIOUS	1,212	302,696	2001-2011	"ASHISH DWIEDI,00966-3-8337429 / 00966-3-8334540,INFO@SHAMARYJ.C OM.SA"
4	SOUTH OIL COMPANY (S.O.C)/ SCOP, IRAQ	X42/ X 60	16 TO 48	VARIOUS	2662	421,501	2006-2012	Mr. Diaa Jaffar (D.G. of SOC) dgoffice@soc.gov.iq FOREIGN PURCHASE DEPARTMENT fpd_southoilco@yahoo.com

WE HAVE ALSO SUPPLIED ABOVE 2,700 KMS (1,677 MILES) OF LINE PIPE IN WALL THICKNESS 15 MM (0.590") OR HIGHER.

SOME OF OUR MAJOR PROJECTS IN IRAQ

LARGE DIAMETER PIPE SBU

Sr. No	Client	Spec.	Size	Quantity		Order	Type Of Pipe
			O.D. X W.T.	KMS	METRIC TON	Year	Long Seam/ Spiral
1	South Oil Company	API 5L X-60	16" to 48"	697	131,272	2007	LSAW/ DSAW
2	South Oil Company	API 5L X-42	16" X 0.375"	50	6,169	2008	LSAW/ DSAW
3	SCOP	API 5L X-60	26" x 0.375" 48" x 0.563"	130	58,060	2009	LSAW/ DSAW
4	South Oil Company	API 5L X-60	28" X 0.438"	30	11,000	2010	LSAW/ DSAW
			42" x 0.500"	50	17,000		
5	SCOP	API 5L X-60	42" x 0.563"	300	110,000	2012	LSAW/ DSAW
6	LukeOil	API 5L X-60	42" x 0.625"	105	42,000	2012	LSAW/ DSAW
7	South Oil Company (Seamless Pipes)	API 5L X-60	6" X 0.375"	1,200	46,000	2008-09	Seamless
TOTAL				2,562	421,501		

SOME OF OUR MAJOR PROJECTS IN LATIN AMERICA

LARGE DIAMETER PIPE SBU

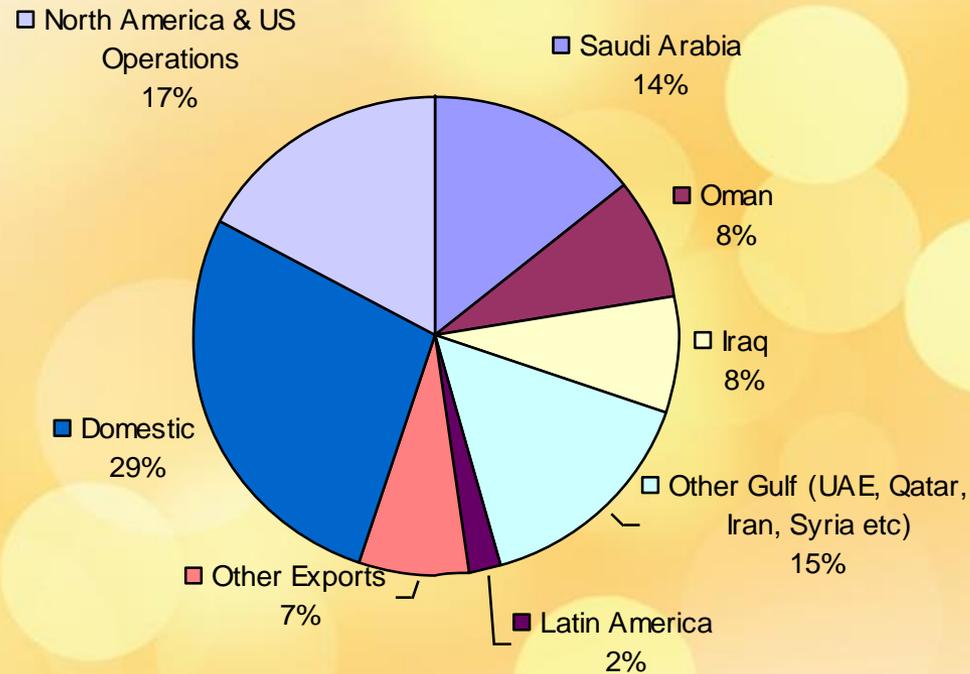
Sr. No	Client	Spec.	Size	Quantity		Order	Type Of Pipe
			O.D. X W.T.	Meters	MT	Year	
1	Consortio Caraguatuba, Brasil	API 5L X-70	48" x 1.125"	5,124	4,302	2007	LSAW/ DSAW
2	Bechtel, Chile	API 5L X-65	28" x 0.75" to 1"	48,258	18,732	2007	LSAW/ DSAW
3	Anglo American, Chile	API 5L X-65	24" x 0.343" to 1.25" 26" x 1.25" 28" x 0.688" to 1.25"	119,812	35,277	2008	LSAW/ DSAW
4	GyM-Conciviles Concorcio, Peru Project: Contugas	API 5L X70	20" OD X 0.437"/0.5"/0.562"	200,000	27,439	2011 - 12	LSAW/ DSAW
5	Bechtel - Xstrata Las Bambas Project order in hand	API 5L X70	30"/ 32"	9,626	1200	2012	HSAW
6	Sierra Gorda SCM (Order in Hand)	API 5L, X 65	36" OD X Various	147,040	47,491	2012	LSAW/ DSAW
TOTAL				529,860	134,441		

SOME OF OUR MAJOR PROJECTS IN NORTH AMERICA

LARGE DIAMETER PIPE SBU

Sr. No	Client	Spec.	Size	Quantity		Order	Type Of Pipe
			O.D. X W.T.	KMS	METRIC TON	Year	Long Seam/ Spiral
1	Center Point Energy Gas Transmission Company, Carthage Project	API 5L X-70	42" x .438"	30.5	9,200	2006	LSAW/ DSAW
2	Questar Overthrust Pipeline Company Colemann to Wamsutter	API 5L X-70	38" x .531"	33.25	10,000	2006	LSAW/ DSAW
3	Questar Gas Company Limited Rendezvous VI Pipeline	API 5L X-70	30" X .429"	166	33,542	2007	HSAW (Spiral)
			30" X .515"	6	1,453		
			30" X .429"	0.558	116		
			30" X .312"	1.3	1,925		
4	General Electric (Vetco Gray), Houston	API 5L X-56	20" x .625"	24.3	4,685	2009	LSAW/ DSAW
5	Air Products and Chemicals Inc, PA, U.S	API 5L X-56	18" x .406"	217	24,610	2010	LSAW/ DSAW
			18" x .344"	71.57	6,916		
TOTAL				550.5	92,447		

MARKET PROFILE 2004 -2011 (METRIC TONS)



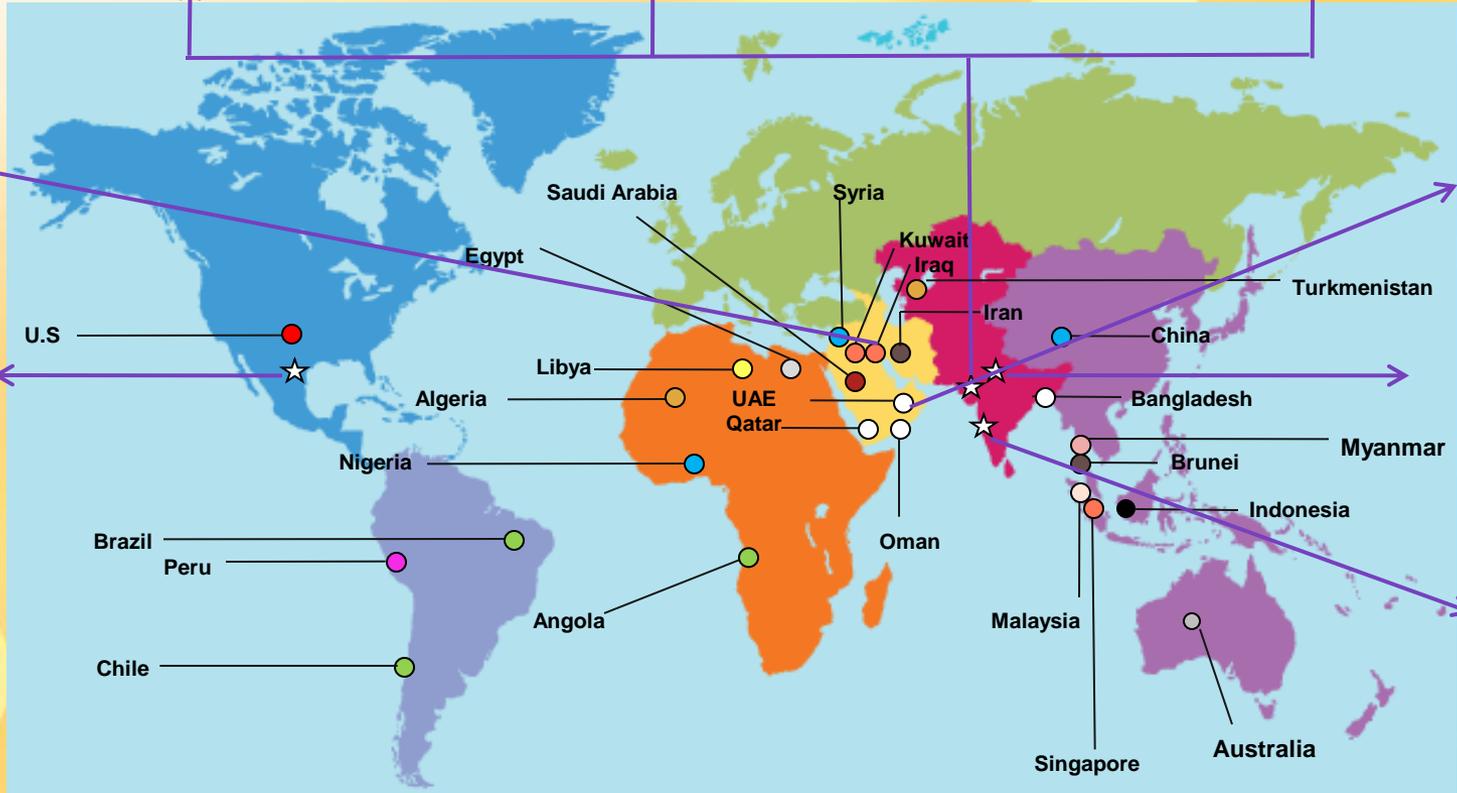
■ Saudi Arabia	■ Oman	□ Iraq
□ Other Gulf (UAE, Qatar, Iran, Syria etc)	■ Latin America	■ Other Exports
■ Domestic	□ North America & US Operations	

GLOBAL FOOTPRINT

**LSAW Mills 2 & 4
(Nanakapaya)**
By Road – 6 Kms from
Mundra Port (Gujarat)

**LSAW Mill 3
(Samaghogha)**
By Road – 15 Kms from Mundra Port
(Gujarat)

**HSAW Spiral 1 & HSAW Spiral 2 Mill
(Samaghogha)**
By Road – 15 Kms from Mundra Port
(Gujarat)



**Upcoming
Pipe and
Coating facility
in Basra, Iraq**

**JINDAL SAW
USA LLC
(Coating &
Double
Jointing
Facility)**

**DI Plant in
UAE**

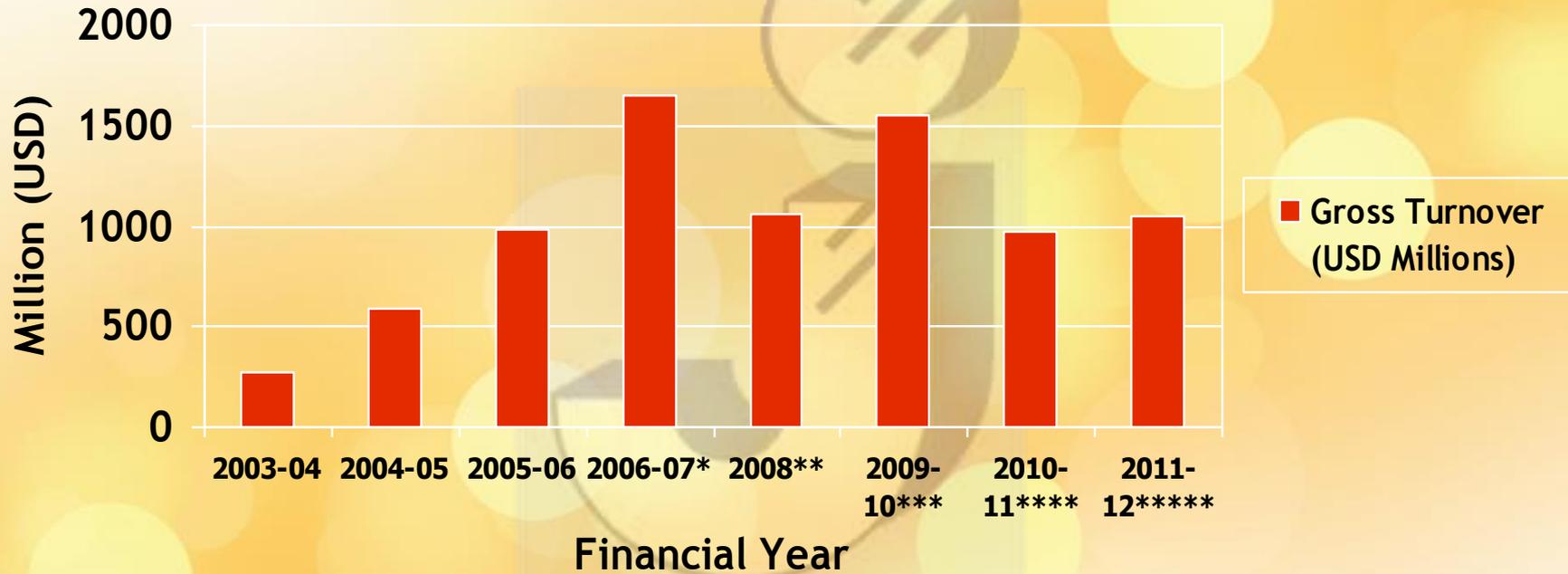
**LSAW Mill 1 &
HSAW 4 Mill
(Kosi Kalan)**

**HSAW 3 Mill
(BELLARY)**

- Year 1994
- Year 1995
- Year 1997
- Year 1999
- Year 2000
- Year 2001
- Year 2002
- Year 2003
- Year 2004
- Year 2007
- Year 2008
- Year 2009
- Year 2010/ Year 2011
- Year 2012

A Look at our turnover since 2003-04

SALES TRUNOVER (Million USD)



Note Average exchange rate equivalent to US\$ prevalent during year indicated were considered.

*2006-07 - 15 Months ended 31st December, 2007

**2008 - 12 Months ended 31st December, 2008

***2009-10 - 15 Months ended 31st March, 2010

****2010-11 - 12 months ended 31st Mar, 2011

*****2010-11 - 12 months ended 31st Mar, 2012

Some of the International Clients

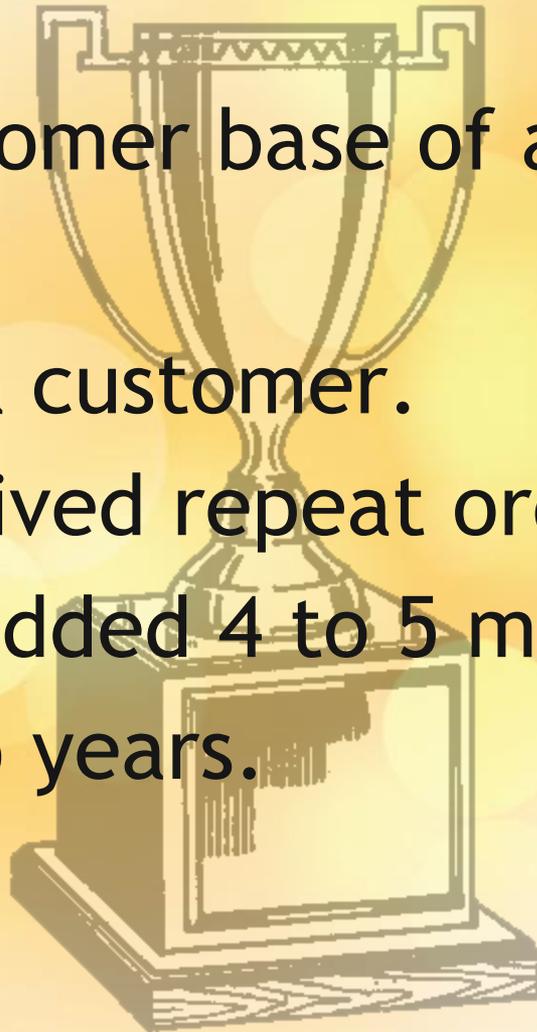


Why Should Jindal SAW be a preferred partner in Line Pipe business

- Offers a complete range of SAW Line Pipes, all types of Coatings, LR Bends and Connector Casings
- Is a part of the US \$16.5 billion, Jindal Organization with a very healthy balance sheet providing strong Financial base needed to participate in major Line Pipe projects at multi locations simultaneously.
- Well equipped with its Multi-Locational Plants, a strong support structure backed by the group network, high capacity output which can result in shorter project execution schedules and cost effectiveness
- Has a strong domestic as well as international presence.
- Has been Market Leader for nearly two decades with experienced and skilled workforce as its Unique Selling Proposition
- A brand leader, Jindal SAW functions with a distant vision and serious corporate responsibility. It strives constantly towards excellence in service with total focus on customer satisfaction and lasting relation building efforts with all associates.
- Nearest to the only major all weather, deep water private port on west coast of India (5 Kms from port premises).

REWARD OF EFFORTS

- Largest customer base of an Indian Pipe Company.
- Never Lost a customer.
- Always received repeat orders.
- Every year added 4 to 5 major customers during last 5 years.



CORPORATE SOCIAL RESPONSIBILITY

PROMOTING accessibility

WITH STEPPED UP ADVOCACY FOR UNIVERSAL ACCESS IN THE BUILT ENVIRONMENT, SVAYAM HAS BEEN INSTRUMENTAL IN INFLUENCING POLICY MAKERS TO INCORPORATE STEPS TO MEET THE RISING DEMANDS OF INCLUSIVITY FOR ALL.

Svayam continues to work ceaselessly towards making India accessible for all.

Various Government agencies have sought Svayam's active involvement in making public infrastructure barrier free.



JINDAL SAW LIMITED



It has been a journey of accomplishment with a distant vision
and the quest continues.....

THANK YOU for your time and patience