

Hi-Tech

== STEEL PIPES ==

STRONGER
GREENER
INDIA

BLACK STEEL TUBES
HOLLOW SECTIONS
GI & GP PIPES
LARGE DIA PIPE



Pipes for Life



150+
OEM
Customers



**Wide Range
of product
availability**



450+
Distributors &
Dealers based



6.4
Lakh mtpa
Installed
Capacity



6
Manufacturing
Plants



365+
Architect &
Engineers



90+
Contractor
Customers



40+
Years of rich
experience

Among
Top 3
Leading
Manufacturing
Companies in
India



1200+
Stock Keeping
Unit (SKU)

OUR QUALITY QUOTIENT

Since the start of our journey, innovative and qualitative thinking has been at the heart of our value-creation process.

Challenging the status quo and developing breakthrough products of top-notch quality has helped us enrich our product portfolio to cater to evolving customer aspirations.

We see tomorrow through the expansive prism of qualitative thinking to touch and enrich life in more ways than one.

Our quality quotient is defined by:

Nurturing a culture of process innovation and output excellence, reflected in business strengthening solutions for customers

Well monitored and controlled manufacturing process

Detailed raw material inspection and different stringent quality tests at different manufacturing stages

Periodical replacement of old technologies with new ones

Having a dedicated team that works closely with our different stakeholders to provide real time feedback

Our quality excellence culture is best exemplified by our long sustaining relationship with some biggest brands of India like Reliance, Adani and Airtel

At Hi-Tech Pipes, we believe in innovating every day for a better tomorrow.



STEEL TUBES & PIPES

CHS STEEL TUBES			
SIZE NB	Outer Diameter	Thickness	Unit Weight
MM	MM	MM	Kg/m
15	21.3	2.00	0.95
		2.60	1.21
		3.20	1.44
20	26.9	2.30	1.38
		2.60	1.56
		3.20	1.87
25	33.7	2.60	1.98
		3.20	0.24
		4.00	2.93
32	42.4	2.60	2.54
		3.20	3.01
		4.00	3.79
40	48.3	2.90	3.23
		3.20	3.56
		4.00	4.37
50	60.3	2.90	4.08
		3.60	5.03
		5.00	6.19
65	76.1	3.20	5.71
		3.60	6.42
		4.50	7.93

CHS STEEL TUBES			
SIZE NB	Outer Diameter	Thickness	Unit Weight
MM	MM	MM	Kg/m
80	88.9	3.20	6.72
		4.00	8.36
		4.80	9.90
100	114.3	3.60	9.75
		4.50	12.20
		5.40	14.50
125	139.7	4.50	15.00
		4.80	15.90
		5.40	17.90
150	165.1	4.50	17.80
		4.80	18.90
		5.40	21.30
175	193.7	4.00	18.01
		5.00	22.26
		6.00	26.40
200	219.1	4.80	25.38
		6.00	31.51
		8.00	41.67
250	273	6.00	39.51
		8.00	52.30
300	323.9	6.30	49.36
		8.00	62.35
400	406.4	5.0	49.5
		8.8	86.3

TENSILE PROPERTIES			
Grade	Y.S.	T.S.	Elongation (%)
	Mpa (Kg/mm2)	Mpa (Kg/mm2)	
YST-210	210(21.42)	330(33.66)	20
YST-240	240(41.82)	410(41.82)	17
YST-310	310(31.62)	450(45.60)	14

Applications

Water, Gas & Air Pipeline, Automobiles, Power & Industrial Boilers, Transformers, Superheaters, Economisers, Heat Exchangers, Railway, Electrification and Furniture





TECHNICAL DATA OF BLACK & GALVD STEEL PIPES

IS-1239 (Part-1) 2004				
N.B. and Series		Wall Thickness	Nominal Weight	
			Black Plain End	GLVD S/S
MM		MM	Mtrs. Tonne	Mtrs/. Tonne
15	L	2.00	1056	1056
	M	2.60	826	819
	H	3.20	694	689
20	L	2.00	724	719
	M	2.60	641	637
	H	3.20	534	532
25	L	2.60	505	500
	M	3.20	415	411
	H	4.00	341	339
32	L	2.60	393	389
	M	3.20	322	319
	H	4.00	264	261
40	L	2.90	309	306
	M	3.20	281	277
	H	4.00	229	226
50	L	2.90	245	241
	M	3.20	199	196
	H	4.00	161	159
65	L	2.20	175	171
	M	3.60	155	153
	H	4.50	126	124
80	L	3.20	149	145
	M	4.00	119	117
	H	4.80	101	99
100	L	3.60	102	100
	M	4.50	82	80
	H	5.40	69	67
125	M	4.80	63	61
	H	5.40	56	54
150	M	4.80	53	51
	H	5.40	47	45

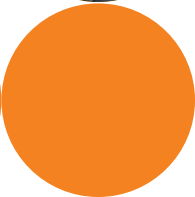
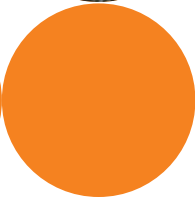
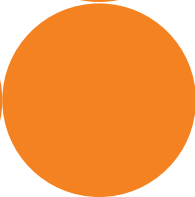
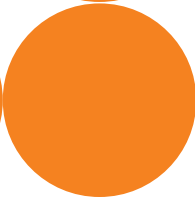
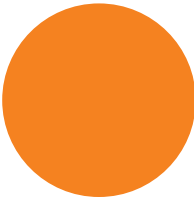
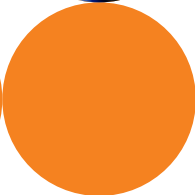
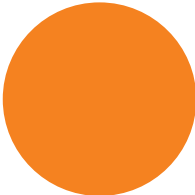
GI & GP PIPES

Pre-Galvanized Tubes - Applications

HVAC, Cladding, Roofing, Building Accessory, Partition, False Ceilings, Household Appliances (Washing Machine/ A.C etc.), Railway Carriages, Road Signs, Containers, Furniture etc.

Hot dipped GI pipes - Applications

Agriculture, Plumbing, Green Houses, Irrigation, Hand Pumps, Bore, Tubewells







HOLLOW SECTIONS

Thanks to the use of superior and cutting-edge technologies, Hi-Tech Pipes has been successful in creating a niche of itself in the Steel Hollow Pipes Section through the supply of benchmarked and highly customised products with the unique combination of strength and ductility.

Applications:

Casing, Columns & Fence, Handrails, Load Bearing Structure, Piling, Posts, Poles, Railings, Scaffolding, Skywalks, Towers etc.



IS : 4923 : 2107/EN 10219-1: 2006*/ ASTM A-500		
SHS	Thickness	Unit Weight
MM	MM	Kg/m
20x20	1.60	0.95
	2.00	1.18
	2.50	1.48
25x25	2.00	1.45
	2.60	1.88
	3.20	2.32
32x32	2.00	1.80
	2.60	2.26
	3.20	2.69
38x38	2.60	2.75
	3.20	3.29
	4.00	3.95
50x50	2.60	3.74
	2.90	4.12
	3.60	4.98
	4.50	6.02
60x60	2.60	4.55
	2.90	5.50
	3.60	6.71
	4.50	7.85
72x72	3.20	6.71
	4.00	8.22
	4.80	9.66

IS : 4923 : 2107/EN 10219-1: 2006*/ ASTM A-500		
SHS	Thickness	Unit Weight
MM	MM	Kg/m
80x80	3.20	7.51
	4.00	9.22
	4.80	10.87
91.5x91.5	3.60	9.67
	4.50	11.88
	5.40	14.01
100x100	4.00	11.73
	5.00	14.41
	6.00	16.19
113.5x113.5	4.80	15.92
	5.40	17.74
132x132	4.80	18.71
	5.40	20.88
	6.00	22.26
150x150	4.00	18.01
	5.00	22.26
	6.00	26.40
180x180	4.00	21.78
	5.00	26.97
	6.00	32.08
	8.00	41.91
220x220	5.00	33.25
	6.00	39.59
	8.00	51.96
250x250	6.00	45.24
	8.00	59.50

IS : 4923: 2017/EN 10219-1 : 2006**/ ASTM A-500		
RHS	Thickness	Unit Weight
MM	MM	Kg/m
40x25	2.00	1.80
	2.60	2.26
	3.20	2.69
50x25	2.00	2.15
	2.60	2.71
	3.20	3.24
	4.00	3.88
60x40	2.60	3.73
	2.90	4.12
	3.60	4.98
	4.50	6.02
66x33	2.60	3.69
	2.90	4.07
	3.60	4.93
	4.50	5.95
75x25	2.60	3.73
	2.90	4.12
	3.60	4.98
80x40	2.60	4.55
	3.20	5.50
	4.00	6.71
	4.80	7.85

IS : 4923: 2017/EN 10219-1 : 2006**/ ASTM A-500		
RHS	Thickness	Unit Weight
MM	MM	Kg/m
96x48	3.20	6.71
	4.00	8.22
	4.80	9.66
122x61	3.60	9.67
	4.50	11.88
	5.40	14.01
145x82	3.20	10.61
	4.80	15.92
	5.40	17.74
172x92	3.20	12.47
	4.80	18.71
	5.40	20.88
200x100	4.00	18.01
	5.00	22.26
	6.00	26.40
240x120	4.00	21.78
	5.00	26.97
	6.00	32.05
300x150	6.00	40.53
	8.00	53.22
300x200	6.00	45.24
	8.00	59.50

TENSILE PROPERTIES			
Grade	Yeild Strength	Tensile Strength	Elongation (%)
	Mpa	Mpa	
	(Kg/mm2)	(Kg/mm2)	
YST-210	210(21.42)	330(33.66)	20
YST-240	240(41.82)	410(41.82)	17
YST-310	310(31.62)	450(45.60)	14

TENSILE PROPERTIES			
Grade	Y.S.	T.S.	Elongation (%)
	Mpa	Mpa	
	(Kg/mm2)	(Kg/mm2)	
YST-210	210(21.42)	330(33.66)	20
YST-240	240(41.82)	410(41.82)	17
YST-310	310(31.62)	450(45.60)	14



LARGE DIA ERW PIPES

IS 3589:2001				
N.B.	OUTSIDE	WALL	WEIGHT	
SIZE	DIAMETER	THICKNESS	(PLAIN END)	
MM	MM	MM	KG/M	M/TONNE
150	168.3	2.6	10.6	94
		3.2	13.0	77
		4.0	16.2	62
		4.5	18.2	55
200	219.1	2.6	13.9	72
		3.6	19.1	52
		4.5	23.6	42
		6.3	33.1	30
250	273	3.6	23.9	42
		4.0	26.5	38
		5.0	33	30
		6.3	41.4	24
300	323.9	4.0	31.6	31
		4.5	35.4	28
		5.6	44	23
		7.1	55.5	18
350	355.6	4.0	34.7	29
		5.0	43.2	23
		5.6	48.3	21
		8.0	68.6	15
400	406.4	4.0	39.7	25
		5.0	49.5	20
		6.3	62.2	16
		8.8	86.3	12

IS 4270:2001 FE410 and FE450			
N.B. AND SERIES	OUTSIDE DIAMETER	THICK-MESS	NOMINAL WEIGHT BLACK TUBES PLAIN END
MM	MM	MM	KG/M
100	114.3	5.0	13.48
125	141.3	5.0	16.80
150	168.3	5.0	20.13
175	193.7	5.4	25.10
200	219.1	5.4	28.46
225	244.5	6.0	35.29
250	273.1	7.1	46.57
300	323.9	7.1	55.47
350	355.6	8.0	68.57
	355.6	10.0	85.22
	355.6	12.0	101.67
400	406.4	8.0	78.60
	406.4	10.0	97.75
	406.4	12.0	116.71

Grade	Y.S. MPa (min)	T.S. min MPa (min)	%age Elongation (Min)
FE410	235	410	15
FE450	275	450	13

Applications:
Water Wells [Casing Pipes]

Grade	Y.S.	T.S.	% age
	MPa (min)	MPa (min)	Elongation (min)
FE330	195	330	20
FE410	235	410	18
FE450	275	450	15

Applications:
Water And Sewage Purposes

3-TOLERANCES

- | | |
|---|---------------|
| i) Outside diameter of pipe | ± 1.0% |
| ii) Thickness upto 406.4mm OD | + 15%/- 12.5% |
| iii) Weight Single Tube | + 10% |
| iv) Length unless otherwise specified 4 to 7 mtrs | - 8% |







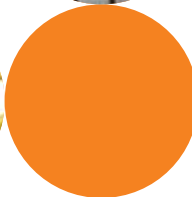
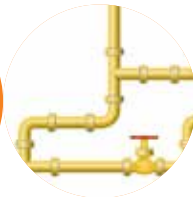
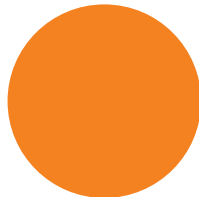
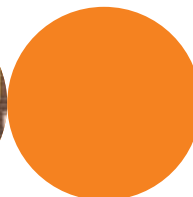
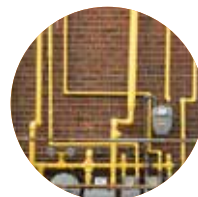
STEEL TUBES FOR CITY GAS DISTRIBUTION

CONFORMING TO IS: 1239 & IS: 13871

Galvanized Iron (GI) pipes are used in above ground service lines up to consumer meter or meter control valve. GI Pipes are used for transportation of Piped Natural Gas in households.

Sizes: NB 15 mm, NB 20 mm, NB 25 mm Supplied as:

- Galvanised Pipe
- Galvanised & Powder Coated pipes



ADVANTAGES

Some of our product features include:

- Capacity: Lighter than broad-flanged beam and structural steel despite no change in its load-bearing capacity
- Range: The Company manufactures a wide range of hollow pipes and customises products in response to specific client requirements across lengths and grades.
- Strength: The state-of-the-art process for manufacturing hollow pipes ensures an excellent distribution of material around the axis of the hollow pipes which empowers the pipe with remarkable strength and thus offers decisive advantages as regards to application technology.
- Savings: Thanks to the pipe's superior strength to weight ratio, it results in upto 30% savings in steel. Also owing to smaller surface area, it results into substantial saving during painting and maintenance. It is also less susceptible to corrosion.

AWARD & RECOGNITION



**TOP PERFORMER AWARD
FROM SAIL**



**PERFORMANCE EXCELLENCE
AWARD FROM MINISTRY OF
STEEL, GOVERNMENT OF INDIA**



**DNV BUSINESS
ASSURANCE CERTIFICATE**



**CERTIFICATE OF RECOGNITION
MINISTRY OF COMMERCE
INDUSTRY**



**FORTUNE NEXT
500 COMPANY**



**AMONG TOP 100 SMES
SKOCH GROUP**



MAJOR PROJECTS

- | | |
|---------------------------|--|
| 1 Jal Jeevan Mission | 8 Affordable Housing Projects |
| 2 Delhi-Mumbai Expressway | 9 EIL Refineries |
| 3 Delhi-Meerut RRTS | 10 Powergrid Transmission |
| 4 High Speed Rail | 11 New Delhi Railway Station Upgradation |
| 5 Solar Tracker | 12 City Gas Pipes |
| 6 5G Telecom Towers | 13 Maharashtra Govt. Green Houses |
| 7 Delhi Airport Expansion | |



OUR CLIENTS



MANUFACTURING FACILITIES

Manufacturing is one of the most critical functions in the pipe industry, as it not only enables us to manufacture quality products but also helps us stay ahead of the curve.

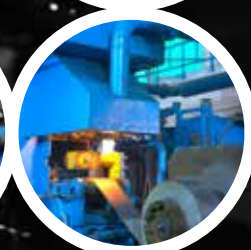
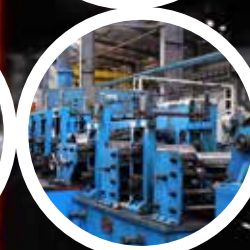
Over the years, the Company created an eco-system of trained professionals to manufacture a large throughput of quality products. Besides, the Company invested in cutting-edge manufacturing technologies with the objective to enhance throughput, efficiency and quality.

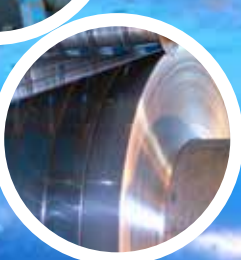
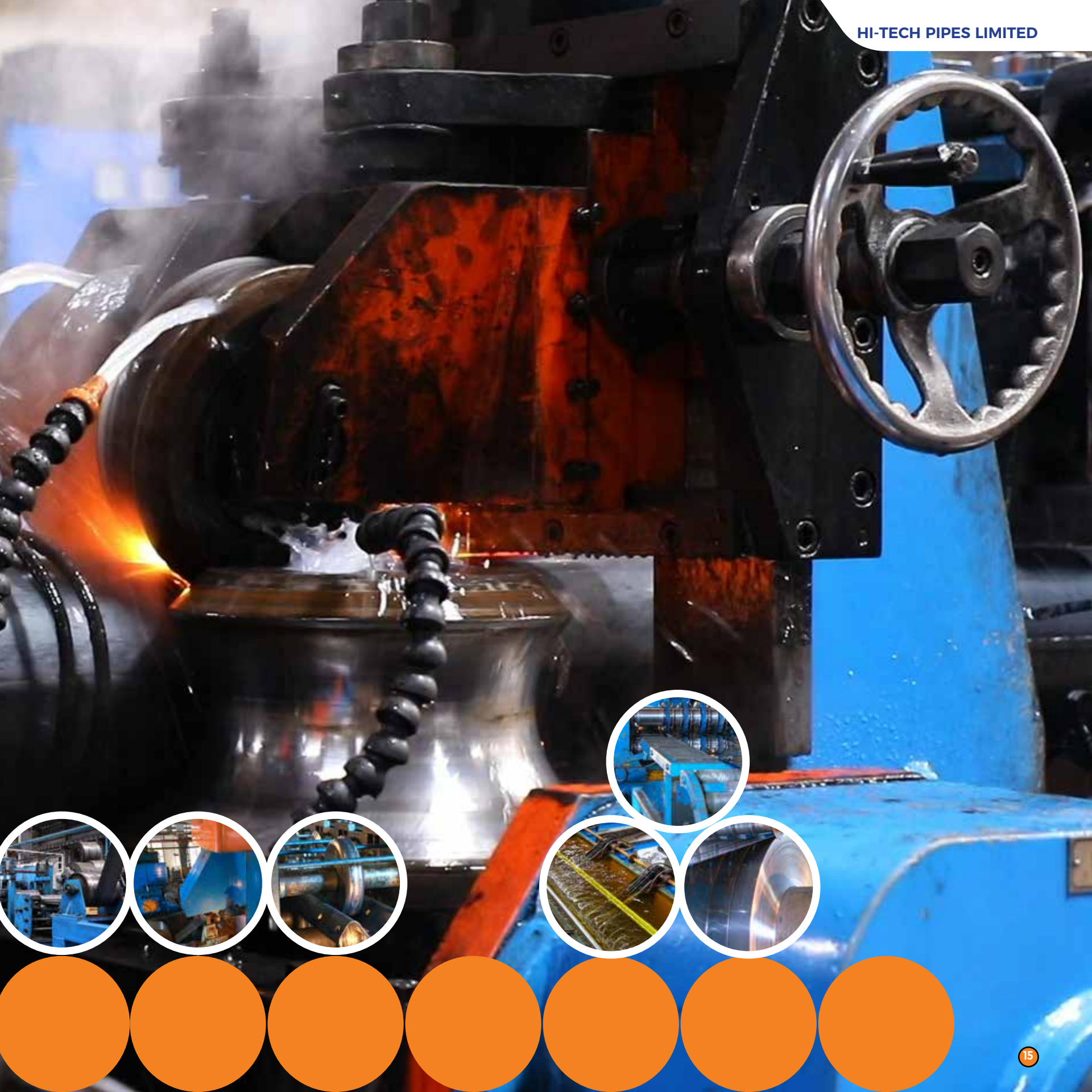
HTPL has been progressively investing in manufacturing automation, enhanced volume throughput, product quality and cost competitiveness. Thanks to the implementation of state-of-the-art Japanese technology, the Company enhanced its overall production capacity to 6,40,000 metric ton per annum

Installed hot dip galvanization facility for manufacturing of GI Pipes

Has dedicated workforce of engineers and skilled workers to produce best quality products

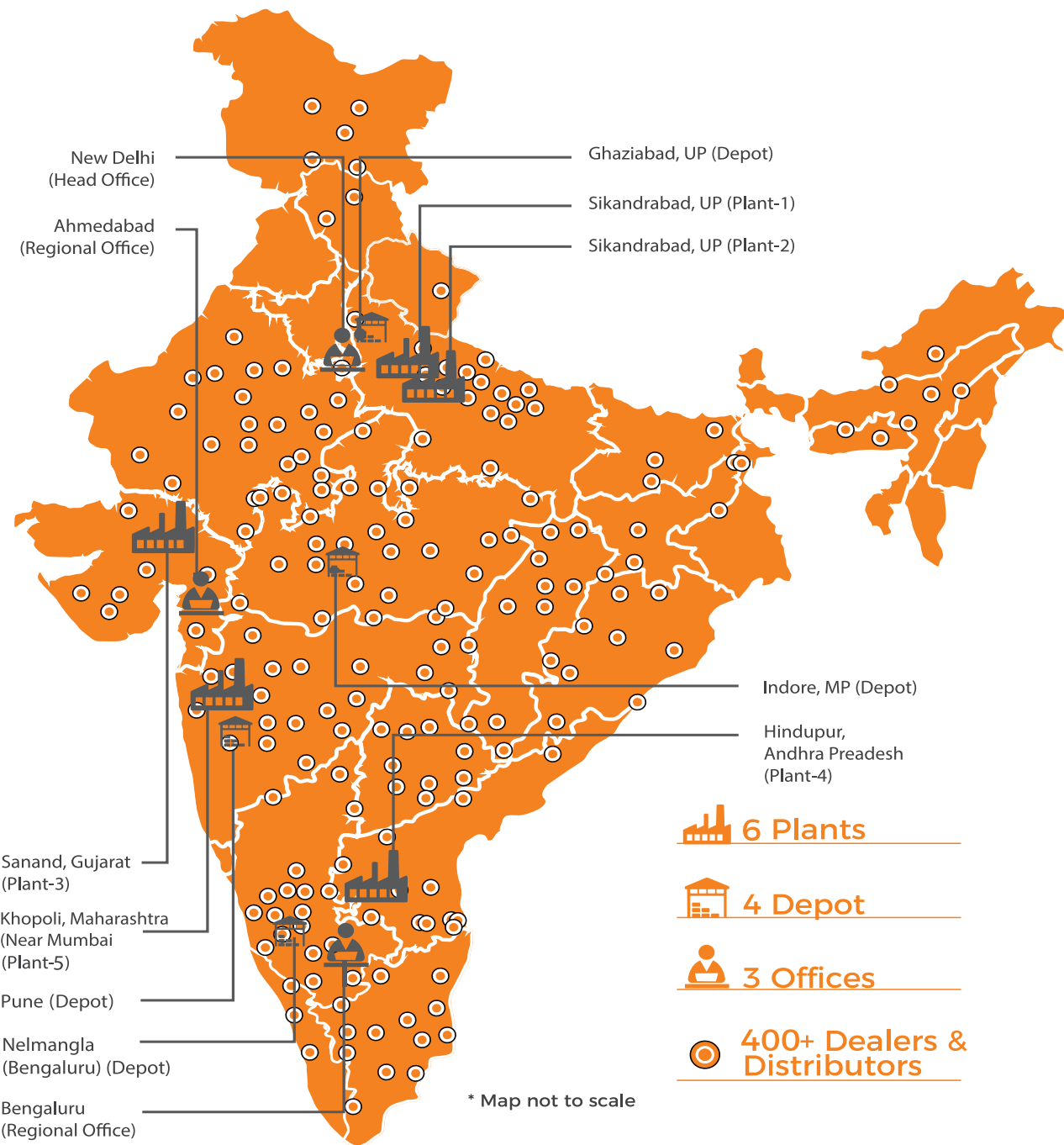
A compliance with processes and systems translated into quality consistency





Our Presence

With an installed capacity of 6,40,000 metric tonnes and positioned amongst the top 5 pipe manufacturing companies in India, the Company's products are available across 17 states through its wide network of 400+ dealers, 150 OEM partners, more than 1200+ SKUs and more than 90 contractors across the country.



Sikandrabad, Uttar Pradesh (Unit-1)
Installed capacity of 2,19,000 MTPA



Sikandrabad, Uttar Pradesh (Unit-2)
Installed capacity of 36,000 MTPA



Sanand, Gujarat
Installed capacity of 1,25,000 MTPA



Sanand, Phase-II, Gujarat
Installed capacity of 60,000 MTPA (E)



Hindupur, Andhra Pradesh
Installed capacity of 1,20,000 MTPA



Khopoli, Maharashtra
Installed capacity of 80,000 MTPA

Our application based product portfolio



Product: GI Pipes
Application: Borewell, Water, Agriculture



Product: MS & GI Pipes
Application: Fire Safty - Buildings



Product: MS & GI Casing Pipes
Application: Borewell



Product: MS Hollow Section
Application: Construction Industries



Product: GI Pipes
Application: Polyhouses, Agriculture



Product: Hollow Section
Application: Commercial Buildings



Product: Large Dia Hollow Section
Application: Infra, Airport, Metro Station



Product: CRCA Coils & Strips
Application: Automobile, White Goods



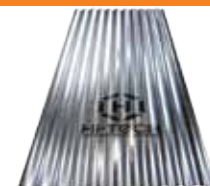
Product: GI Pipes
Application: India Coastal & related



Product: Metal Beam Crash Barrier
Application: Road & Railway Safety



Product : Color Roofing Sheet
Application : Garden Building, Construction & Backyard



Product : Roofing Sheet
Application : Industrial Roof, Household Roof Tops, Garages

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