

# Contants

Why Man Industries

About the Company

From the Vice-Chairman's Desk

Key Performance Indicators

Wander into a Non-Wifi Zone

Management Discussion & Analysis

Corporate Information

Directors' Report

Corporate Governance Report

Business Responsibility Report

Financial Statements

Notice



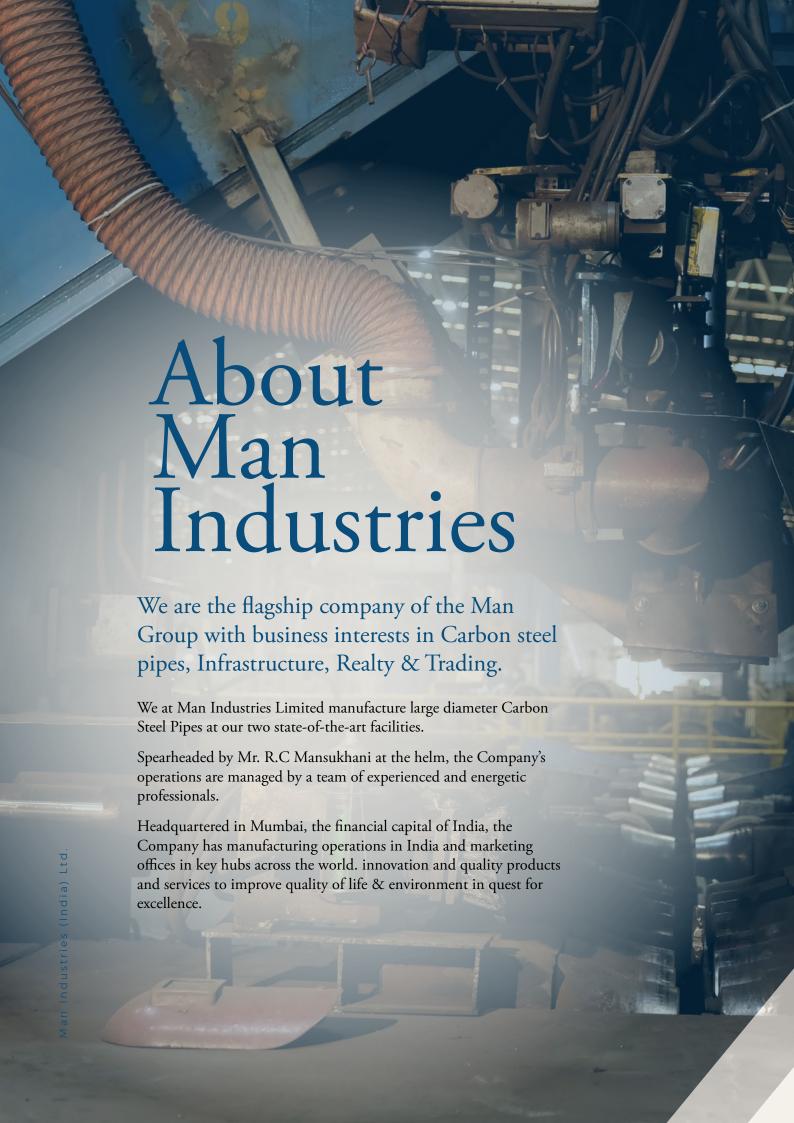


# Why choose Man Industries?

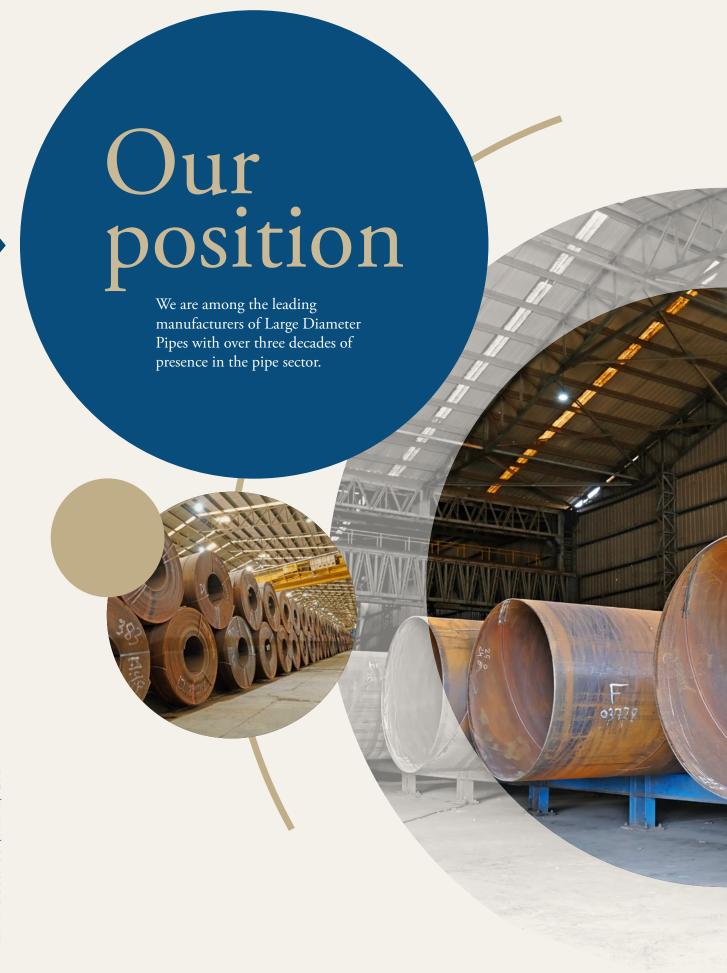
Because we believe that excellence is not an accident but a process.

Over more than three decades, we have single-mindedly worked towards excelling at everything we do. For the next three, we will strive fervently to get even better for delivering higher value to our customers.

Because we understand that there is always room for improvement.



























ISO 45001:2018 | ISO 29001:2000 ISO 27001:2013 ISO 17025:2017 | ISO 14001:2015 ISO 9001:2015 | ISO 3813:2019 API Spec Q1 & API-2B

### Our passion

We believe that quality has no standards and benchmarks. We persevere patiently to strengthen our conviction. Our pipes are a testament to our unwavering passion for quality. Our Certifications only vindicate our efforts.









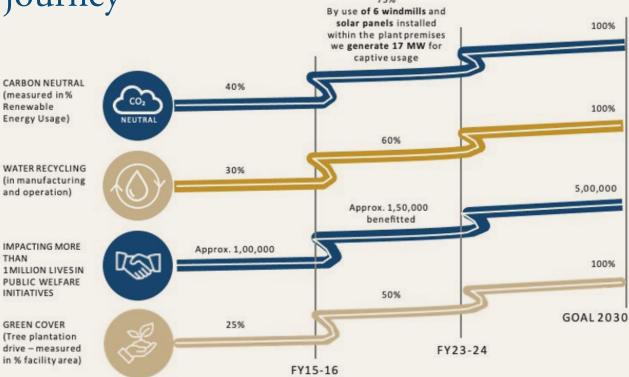
We thrive on challenges. Our 'can-do body' with a 'must-do mind' pushes us to undertake and accomplish very complex and critical projects in India and international markets.

- 1) GAIL for its Jagdishpur Haldia-Bokaro-Dhamra- Phase II project.
- **2) Kuwait Oil Company** for gas oil pipeline from MAA to Sabya of 1.75 lakh (~ 700 km).
- 3) We supplied National Pipe Company Limited\_SWCC, Saudi Arabia 70,000+ MT of 80" & 64" HSAW pipes in 18 meter supplied.













## Our care for the Earth

At Man Industries, we have taken an earnest pledge to safeguard and nurture the environment. We have re-strategized our sustainability roadmap with strategic investment plans to incorporate pace in transforming our operations with a shade of green.







### Our new vertical

We inaugurated our new ERW Line Pipe Plant in Anjar, Gujarat which will manufacture 6" to 18" Diameter size (API Grade) pipes. The investment will allow us to tap opportunities from the hydrocarbon and City Gas Distribution sector.

## Our product offering

Electro Resistance Welded Api Pipe (Erw), Anjar Unit

#### **An Introduction**

Our Welded Pipes are made by ERW process using high-quality steel HR coils. It has the widest range of sizes, ranging from 168.3mm to 457.2mm, with thicknesses of 4.8mm to 14.3mm and lengths of 5.8 Mtr. to 18.2 Mtr.

• Yield Strength : 240 MPa to 550 MPa

• Steel Grade : API 5L-Grade B up to x70, API 5CT-Grade H40, J55, K55,

N80 ASTM-A53 Grade-A,B, EN 10255, EN 10217-1,

AS1074

#### Applications

- Mild and low Pressure Pipe
- Oil and Gas Pipeline
- Sprinkler System
- · Chilled Water Supply

#### In-house Quality Check







#### Circular Hollow Section (Chs), Anjar Unit

#### **An Introduction**

The most versatile product, our Circular steel hollow sections are made by ERW process using high-quality steel HR coils. Having the widest range of sizes ranging from 168.3mm to 457.2mm with thickness 4.8mm to 14.3mm.

• Yield Strength : 170 MPa to 550 MPa

• Certified by : IS 1161, IS 3589, IS 4270, IS 9295, IS 1239-1, ASTM A500, A252,

EN 10219, AS/NZ1163

#### **Applications**

- Gas and Water
- · General Purpose
- Structural Applications
- Agriculture

IS ISI 1161, IS 3589, IS 4270, IS 9295, IS 1239-1



In-house Quality Check





#### NABL accredited in-house lab as per ISO 17025

Eddy-Current & Off-line chemical & Mechanical properties checks, UT (On Demand)

#### **Tolerances**

• Thickness : ±10%

• Length (Mtr.) : 5.0 Mtr. to 18 Mtr.

Size in NB	OD in mm	Thickness in mm	Weight in Kg/Mtr.
		4.80	19.83
6" (6-5/8")		5.60	22.46
	1.60.0	6.40	25.55
	168.3	7.10	28.22
		8.70	34.24 36.09
		9.20 10.30	40.13
		4.80	25.36
		5.60	29.48
		6.40	33.57
		7.10	37.12
" (8-5/8")	219.1	8.70	45.14
		9.20	47.62
		10.30	53.03
		11.10	56.93
		12.70 4.80	64.64 31.76
		5.60	36.94
		6.40	42.09
		7.10	46.57
" (10-3/4")	273.1	8.70	56.72
( , , , , , , , , , , , , , , , , , , ,		9.20	59.75
		10.30	66.75
		11.10	71.72
		12.70	81.55
		4.80	37.90
		5.60	44.90
		6.40 7.10	50.24 55.60
		8.70	67.75
" (12-3/4")	323.9	9.20	71.53
		10.30	79.78
		11.10	85.75
		12.70	97.59
		14.30	109.31
		4.80	41.52
		5.60	48.33
		6.40	55.09
		7.10 8.70	61.02 74.42
14"	355.6	9.20	78.59
		10.30	87.71
		11.10	94.30
		12.70	107.39
		14.30	120.36
		5.60	55.35
		6.40	61.13
		7.10	69.91
1.6"	10.6.1	8.70	85.32
16"	406.4	9.20	90.11 100.61
		10.30 11.10	100.61
		12.70	123.30
		14.30	138.27
		5.60	62.36
	457.2	6.40	71.15
		7.10	78.81
		8.70	96.22
18"		9.20	101.64
		10.30	113.51
		11.10 12.70	122.11 139.21



#### Round To Square And Rectangular Section, Anjar Unit

#### **An Introduction**

MIL square and Rectangular hollow sections ranging from 132x132 to 350x350 and thickness ranging from 4.8mm to 10.3mm are extensively used in welded steel frames that experience load from multiple directions. The strength is spread uniformly across the pipes, making them a more suitable choice for columns. Superior quality, sturdiness and ease of bending, punching and drilling make us the perfect choice for every construction.

Yield Strength : 210 MPa to 550 MPa

• Certified by : BIS ISI 4923, ASTM A500, Gr-A/B/C, EN 10219, AS/NZ 1163

#### **Applications**

- · Airport Terminals, Aero-bridges and Metro Stations
- Cranes and Towers
- Material Storage Racks
- Bus Bodies and Automobile Industries
- Transmission Line Towers
- · Pre-fabricated Housed
- Structural and Heavy Structural infrastructures

#### **BIS ISI 4923**



#### In-house Quality Check



Eddy-Current & Off-line chemical & Mechanical properties checks, UT (On line as well as offline on steel and Pipes)

Size (mm)	Min. WT	Max. WT
132X132	4.0	10.5
172X92	4.0	10.5
150×150	4.0	10.5
200x100	4.0	10.5
250×100	5.0	13.0
180×180	5.0	13.0
240×120	5.0	13.0
200×200	5.0	13.0
250×150	5.0	13.0
300×100	5.0	13.0
300×150	5.0	14.5
250×250	5.0	14.5
300×200	5.0	14.5
350×150	5.0	14.5
300×300	5.0	14.5
350×250	5.0	14.5
350×350	5.0	14.5
400×300	5.0	14.5

\*400x400 to 1000x1000 mm through JCO mill





#### **Tolerances**

• Thickness : ±7.5%

• Outside Dimension : ±1 % of length of the side to be measured with a minimum of ±0.5mm.

• Squareness of Corner : 90 Degree ±2%

• External Corner Radius: 1.5 T to 2.5 T (Max.) (T is Thickness)

• Length (Mtr.) : 5.0 Mtr to 12.2 Mtr.

#### Rectangular Hollow Section

Rectangular Hollow Section Size (Mm)			Rectangular Hollow Section Weight		
Width	Height	Thickness	KG/Mtr	MT/Mtr	MT/Length 6Mtr Length
500	250	6	69.52	0.07	0.42
500	250	8	92.19	0.09	0.55
500	250	12	136.78	0.14	0.82
600	300	8	111.03	0.11	0.67
600	300	10	138.16	0.14	0.83
600	300	12	165.04	0.17	0.99
600	300	16	218.04	0.22	1.31
700	400	8	136.15	0.14	0.82
700	400	10	169.56	0.17	1.02
700	400	12	202.72	0.20	1.22
700	400	16	268.28	0.27	1.61
700	500	8	148.71	0.15	0.89
700	500	10	185.26	0.19	1.11
700	500	15	275.54	0.28	1.65
900	600	8	186.39	0.19	1.12
900	600	12	278.08	0.28	1.67
900	600	14	323.55	0.32	1.94
900	600	16	368.76	0.37	2.21
1000	700	6	159.01	0.16	0.95
1000	700	8	211.51	0.21	1.27
1000	700	12	315.76	0.32	1.89
1000	700	14	367.51	0.37	2.21
1000	700	16	419.00	0.42	2.51



#### Square Hollow Section

Square Hollow Section Size (Mm)		Square Hollow Section Weight			
Width	Height	Thickness	KG/Mtr	MT/Mtr	MT/Length 6Mtr Length
400	400	6	74.23	0.07	0.45
400	400	8	98.47	0.10	0.59
400	400	12	146.20	0.15	0.88
400	400	14	169.69	0.17	1.02
400	400	16	192.92	0.19	1.16
500	500	6	93.07	0.09	0.56
500	500	8	123.59	0.12	0.74
500	500	12	183.88	0.18	1.10
500	500	14	213.65	0.21	1.28
500	500	16	243.16	0.24	1.46
600	600	6	111.91	0.11	0.67
600	600	8	148.71	0.15	0.89
600	600	12	221.56	0.22	1.33
600	600	14	257.61	0.26	1.55
600	600	16	293.40	0.29	1.76
700	700	6	130.75	0.13	0.78
700	700	8	173.83	0.17	1.04
700	700	12	259.24	0.26	1.56
700	700	14	301.57	0.30	1.81
700	700	16	343.64	0.34	2.06
800	800	6	149.59	0.15	0.90
800	800	8	198.95	0.20	1.19
800	800	12	296.92	0.30	1.78
800	800	14	345.53	0.35	2.07
800	800	16	393.88	0.39	2.36
900	900	6	168.43	0.17	1.01
900	900	8	224.07	0.22	1.34
900	900	12	334.60	0.33	2.01
900	900	14	389.49	0.39	2.34
900	900	16	444.12	0.44	2.66
1000	1000	6	187.27	0.19	1.12
1000	1000	8	249.19	0.25	1.50
1000	1000	12	372.28	0.37	2.23
1000	1000	14	433.45	0.43	2.60
1000	1000	16	494.36	0.49	2.97







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