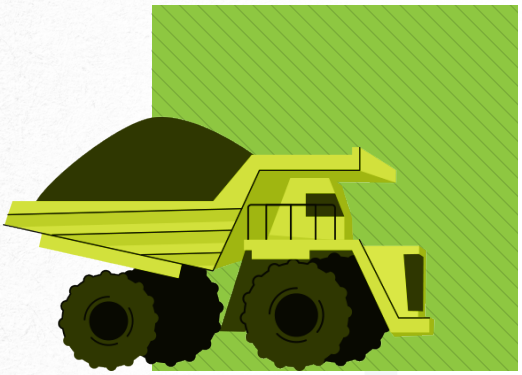
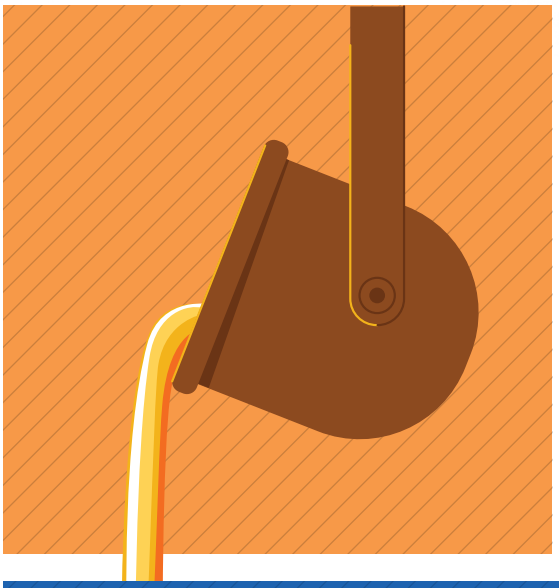
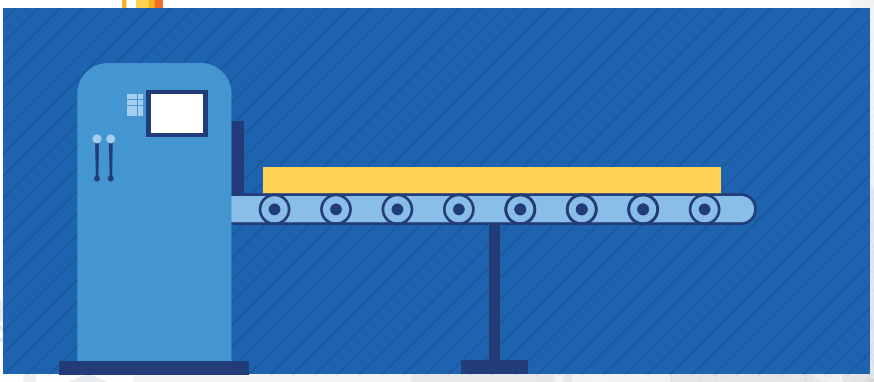
True Green
Renewable & Sustainable
HARIOM

HARIOM®
PIPES | SCAFFOLDING | COILS

BUILDING STRENGTH FOR A BRIGHTER TOMORROW







SAHI AUR
MAJBOOT CHUNO

www.hariompipes.com

BUILT ON LEGACY & LEADERSHIP

Hariom Pipe Industries Limited, based in Hyderabad, Telangana, is a leading enterprise of the Hariom Group, founded in 1962 by the late Shri Hariom Gupta Ji. Shri Rakesh Gupta Ji has carried forward the legacy and today thrives under the leadership of Mr. Roopesh Kumar Gupta, Mr. Sailesh Gupta, and fourth-generation leader Mr. Ansh Golas.

We are a fully integrated manufacturer of steel products, including HR Pipes and Tubes, Cold rolled (CR) pipes, Pre-galvanized (GP) pipes, and Hot-dip Galvanized (GI) pipes. Our product line also includes HRPO coils, GP coils, CRCA coils, CRFH coils, scaffolding systems, and MS billets, all of which meet strict quality and dimensional standards. Our pipes and tubes, marketed under HARIOM and HPIL, are available in circular, square, and rectangular sections, produced according to BIS standards, with size ranges of up to 175 NB, 150×150 mm (square), and 200×100 mm (rectangular).

Our Mahbubnagar facility produces HRPO, CRCA, CRFH, and GP coils for local and South Indian markets, backed by a dedicated R&D team for custom specifications and quality compliance.

With an over 500,000 MTPA capacity across plants in Telangana, Andhra Pradesh, and Tamil Nadu, we deliver over 20 product variants to more than 20 states via a network of over 900 distributors. Our operations are certified under ISO and BIS standards and driven by eco-efficient processes, including biogas, solar energy, and water recycling.


Erode, Tamil Nadu

Mahabubnagar, Telangana

An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Company

Head Office:
Hyderabad, Telangana

Manufacturing Units:
Telangana, Tamil Nadu, Andhra Pradesh

www.hariompipes.com

500,000
MTPA Production

900
Distributors

20 STATES
And Counting


Mahabubnagar, Telangana

MANUFACTURING STRENGTH OF HARIOM

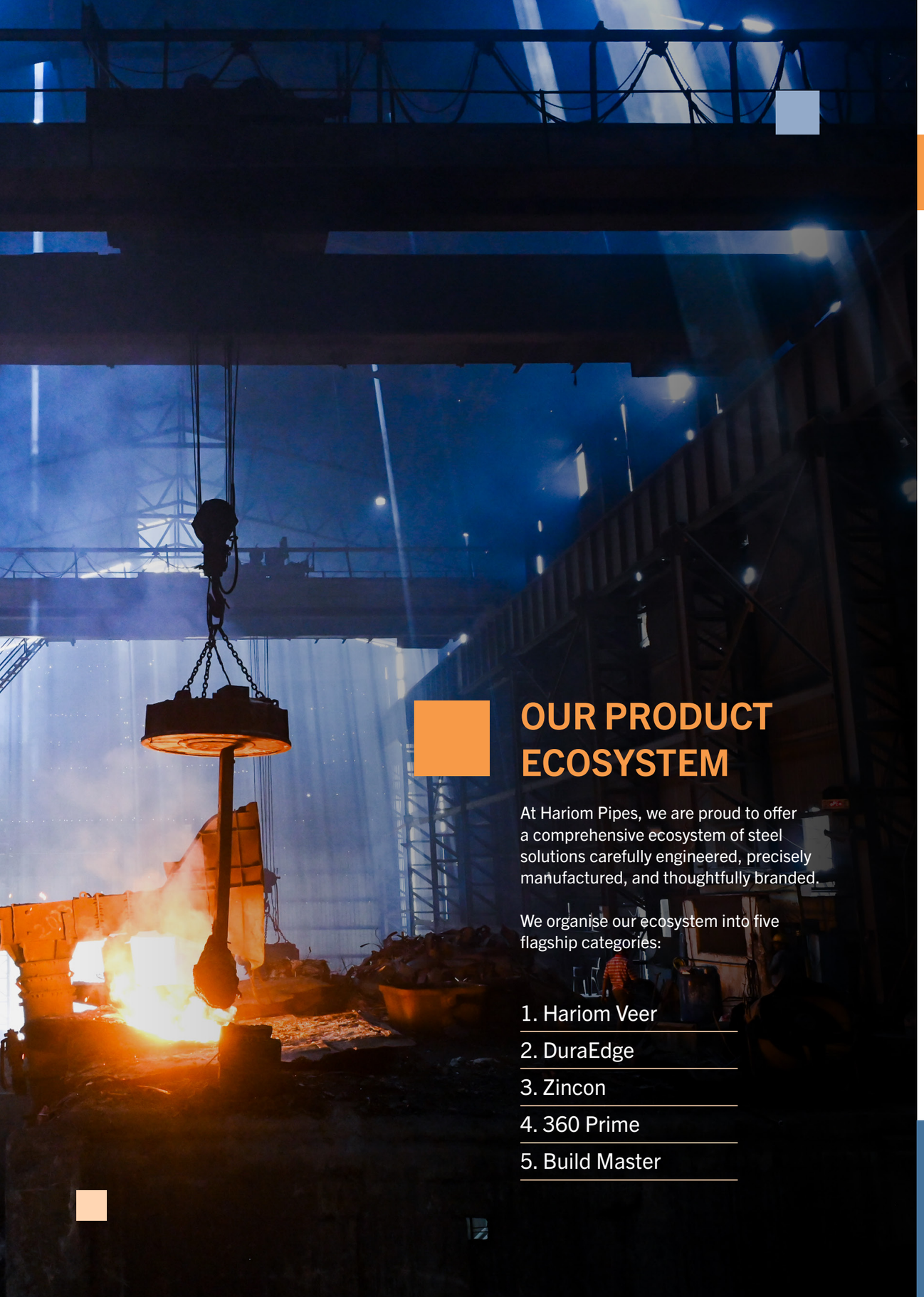
Integrated. Controlled. Reliable.

At the heart of Hariom lies a robust, integrated manufacturing ecosystem, strategically spread across Telangana, Andhra Pradesh, and Tamil Nadu.

From sponge iron to billets, from coils to pipes, every stage is controlled in-house, ensuring unmatched consistency and speed of delivery. With advanced rolling mills, slitting lines, galvanising units, and hot-charging technology, we minimise waste and maximize output, both in quality and quantity.


Erode, Tamil Nadu


Mahabubnagar, Telangana



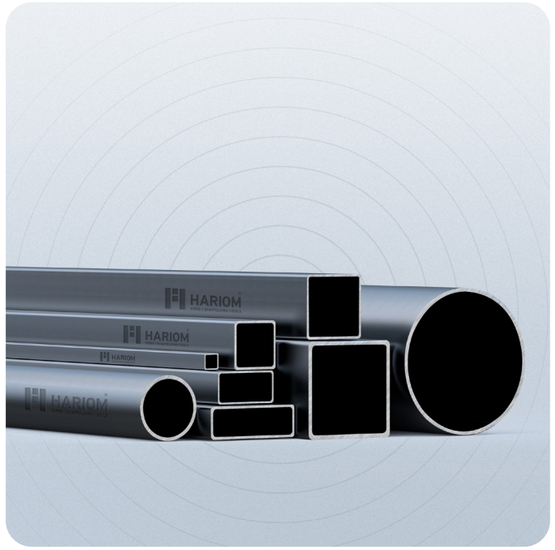
OUR PRODUCT ECOSYSTEM

At Hariom Pipes, we are proud to offer a comprehensive ecosystem of steel solutions carefully engineered, precisely manufactured, and thoughtfully branded.

We organise our ecosystem into five flagship categories:

1. Hariom Veer
2. DuraEdge
3. Zincon
4. 360 Prime
5. Build Master

HR PIPES & TUBES



Manufactured using high-grade mild steel billets through advanced hot rolling and ERW welding techniques, HR Pipes & Tubes are known for their outstanding tensile strength, durability, and adaptability. These pipes are primarily used in structural applications where strength and stability are crucial. With excellent weldability and formability, they are the first choice for builders and fabricators across industrial and civil construction sectors. The consistent wall thickness and smooth finish ensure reliable performance, even under heavy loads or extreme conditions.

Property	Range
Outside Diameter	21.3 mm – 165 mm
Wall Thickness	2.0 mm – 5.4 mm
Length	4 m – 7 m
Shapes	Round, Square, Rectangular
Grades	YSt 210, YSt 240, YSt 310
Standards	IS 1239, IS 1161, IS 3601
Finish	Hot Rolled / Black

Applications:

Building columns, sheds, and structural supports
Scaffolding and framework in construction sites
Fabrication of gates, railings, and hoardings
Agricultural and industrial sheds
Base material for furniture, racks, and storage units

DURAEDGE

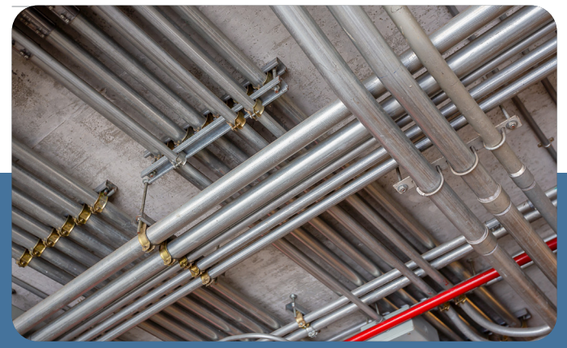
CR PIPES

CR Pipes are cold-rolled steel tubes valued for their high dimensional accuracy, smooth surface finish, and strong mechanical properties. Made by cold-reducing hot-rolled coils and annealing for added ductility, they are ideal for precision-driven industries like automotive, furniture, and light engineering. Easy to bend, weld, and cut, CR pipes are also well-suited for powder coating and other finishing processes due to their clean surface and tight tolerances.

Property	Range
Outside Diameter	15 mm – 76 mm
Wall Thickness	0.8 mm – 3.2 mm
Tolerance	±0.10 mm
Finish	Cold Rolled / Annealed
Shape	Round, Square, Rectangular
Grades	IS 3074, IS 4923

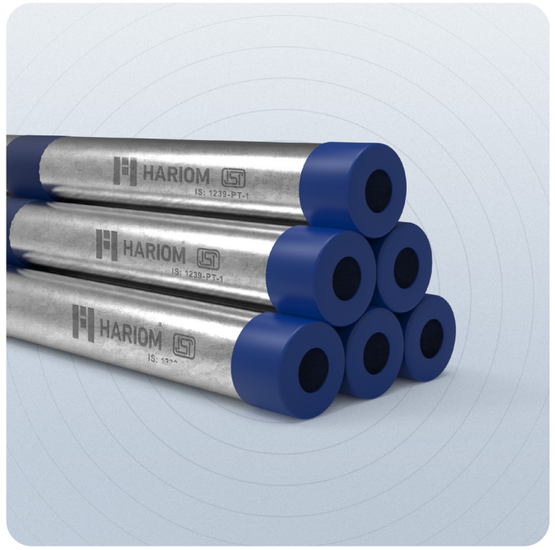
Applications:

- Furniture frames, office partitions, shelving systems
- Conveyor rollers, precision assemblies
- Automotive structural components
- Electrical panel support structures
- Gym equipment and metal frameworks



GI PIPES

(Hot Dipped Galvanized)



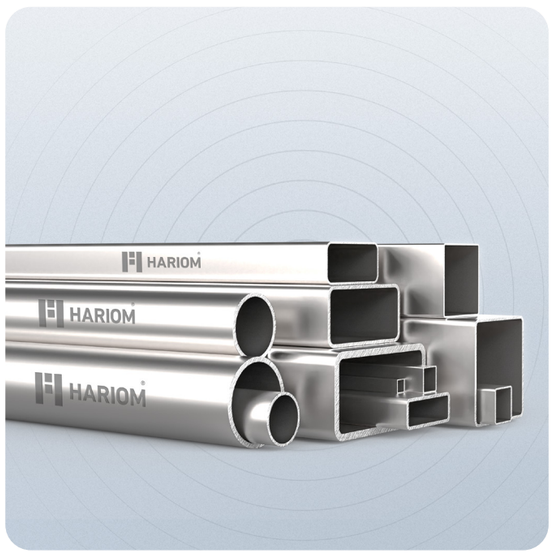
GI Pipes are mild steel pipes coated with zinc through hot-dip galvanizing for superior corrosion resistance. Durable and maintenance-free, they perform well in harsh environments. With smooth internal surfaces for efficient fluid flow, they're ideal for plumbing, agriculture, and general use. Available in various sizes and thicknesses, they meet ISI standards.

Property	Range
Nominal Bore Size	15 NB – 150 NB
Wall Thickness	2.0 mm – 5.4 mm
Zinc Coating	360 GSM and above
Standards	IS 1239 Part 1, IS 3589
Finish	Silver / Spangled Zinc
End Options	Plain / Threaded / Socketed

Applications:

- Potable water supply systems
- Agricultural irrigation and sprinklers
- Fencing, handrails, and gates
- Construction piping in coastal and humid regions
- Industrial process pipelines

GP PIPES



Pre-Galvanized pipes are made from zinc-coated coils before forming, ensuring uniform corrosion resistance. With a bright finish, they're ideal for fabrication, solar, and infrastructure projects. Lightweight yet strong, they're easy to handle and maintain. Available in circular, square, and rectangular sections, they offer a cost-effective alternative to hot-dip GI pipes for non-extreme conditions.

Property	Range
Outside Diameter	15 mm – 100 mm
Wall Thickness	0.8 mm – 2.5 mm
Zinc Coating	120 – 275 GSM
Shape	Round, Square, Rectangular
Standards	IS 277, ASTM A653

Applications:

- Solar panel structures and frames
- Cable trays, electrical supports, ducting
- Fabrication of furniture, racking, and trolleys
- Railings, gates, and fences
- HVAC and telecom structures

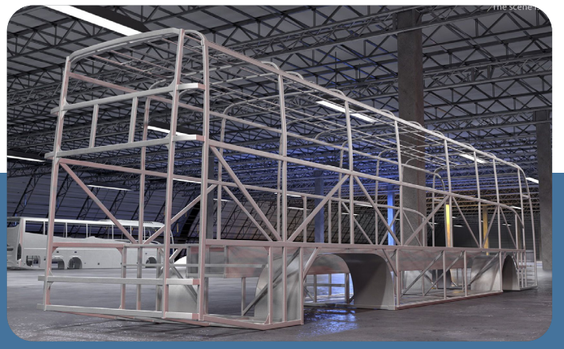
HRPO SLIT COILS

Hot Rolled Pickled & Oiled (HRPO) Coils are processed from hot rolled coils that undergo acid pickling to remove surface scale and are then oiled to prevent rust. This treatment gives the coil a smooth, clean surface that is ideal for further fabrication. HRPO coils retain the strength of hot rolled steel but offer improved surface quality and dimensional accuracy, making them a go-to choice for automotive, fabrication, and general engineering purposes.

Property	Range
Thickness	1.6 mm – 3.2 mm
Width	50 mm – 520 mm
Coil ID	508 mm
Surface	Pickled & Oiled
Standards	IS 1079, ASTM A1011

Applications:

- Automotive chassis, brackets, and support parts
- Structural tubing and frame assemblies
- Base material for stamping and roll forming
- Guard rails, agricultural equipment



CRCA
SLIT COILS

Cold Rolled Close Annealed (CRCA) Coils are made by cold rolling hot rolled steel followed by annealing, resulting in excellent surface finish, tight tolerance, and superior mechanical strength. These coils are known for their drawability, making them suitable for forming intricate shapes without cracking. The surface is clean and smooth, ideal for powder coating or painting.

Property	Range
Thickness	0.6 mm – 2.0 mm
Width	100 mm – 520 mm
Coil ID	508 mm
Surface	Bright / Matte
Standards	IS 513, JIS G3141

Applications:

- Home appliances (refrigerators, washing machines)
- Electrical enclosures and cabinets
- Furniture frames, office partitions
- Auto body parts and telecom racks

CRFH
SLIT COILS

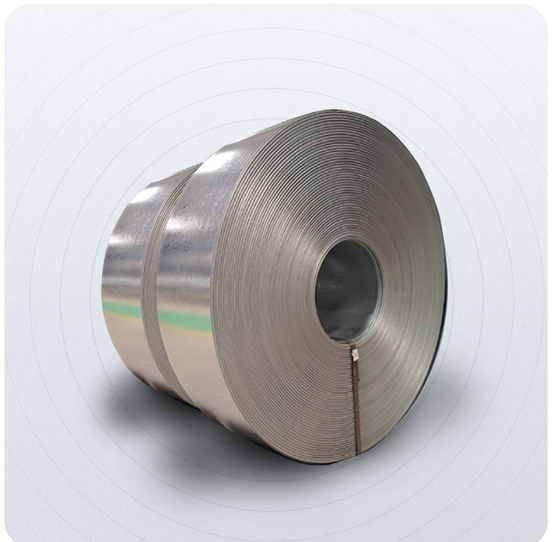
Cold Rolled Full Hard (CRFH) Coils are designed for high-strength applications where hardness and rigidity are key. These coils are produced without annealing, which means they retain their full cold reduction strength, making them ideal for structural and load-bearing applications. They are used as feedstock for further downstream processing or in heavy-duty end-use applications.

Property	Range
Thickness	0.45 mm – 2.0 mm
Width	100 mm – 520 mm
Coil ID	508 mm
Surface	As Rolled / Hard Finish
Tensile Strength	Up to 450 MPa

Applications:

- Metro and infrastructure fabrication
- Cable trays, heavy-duty storage systems
- Bridges, cranes, structural reinforcements
- Solar mounting structures

GP
SLIT COILS

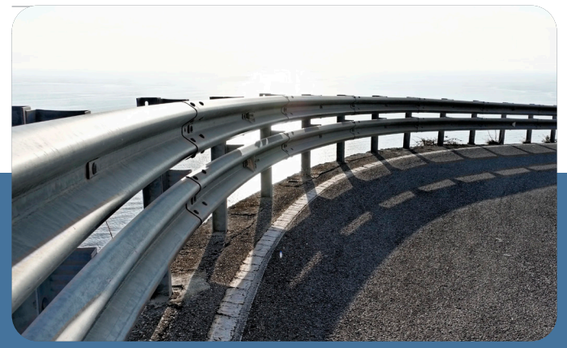


Galvanized Plain (GP) Slit Coils are produced by zinc-coating Cold or Hot Rolled Coils and then slitting them to custom widths. These coils combine excellent corrosion resistance with good formability, making them suitable for roofing, panelling, fabrication, and solar applications. They offer a smooth, reflective surface and are ready for painting or powder coating.

Spangled / Bright	Range
Thickness	0.8 mm – 3.0 mm
Width	50 mm – 520 mm
Coil ID	508 mm
Zinc Coating	120 – 275 GSM
Surface	Spangled / Bright
Standards	IS 277, ASTM A653

Applications:

- Cable trays, ducting systems
- Solar panel frames, purlins, door frames
- Shutters, partitions, and HVAC systems
- Automotive body panels and interiors



SCAFFOLDING
SYSTEMS

Build Master is Hariom's scaffolding division, offering versatile, safe, and heavy-duty scaffolding systems that meet modern construction demands. Designed for quick installation and high load-bearing, our systems are used in everything from building construction to large-scale infrastructure projects.

Applications:

- High-rise construction scaffolding
- Metro and bridge support systems
- Shipyard and industrial plant maintenance
- Large-format formwork and platforms

Component	Size / Length	Pipe Diameter	Load Rating
Cuplock Vertical	1.0 – 3.0 meters	48.3 mm OD	Up to 3 Tons
Cuplock Horizontal	0.6 – 2.5 meters	40 mm OD	Standard Duty
H-Frame Ladder	2.0 x 1.2 meters	40 mm + 20 mm OD	Medium Duty
Adjustable Prop	1.5 – 3.5 meters	60.3 mm / 48 mm OD	Heavy-duty vertical
Telescopic Span	Up to 5 meters	2 mm sheet, 8 mm rod	Standard
Base Plate (Fixed)	Extended 150x150x6 mm plate size	38 mm OD	Structural Anchoring
U-Head Jack	32 mm solid rod, 6 mm top	Threaded	Alignment Support
Scaffold Plank (Jalli)	1.5 m – 2.5 m (L), 300–400 mm (W)	-	Anti-slip, Durable
Spigot / Joint Pin	Standard 38 mm OD pipe	Drilled Ends	Component Connector

TECHNICAL SPECIFICATIONS

Explore Comprehensive Pipe Dimensions, Standards, and Section Properties for all our Structural and Industrial Applications

ERW Steel Tubes : Conforming to IS 1239 (PART-1): 2004

For Ordinary use in Water, non Hazardous Gases, Air and Steam

NB Series		Outside Diameter		Wall Thikness		Nominal Weight			
						Plain End		Screwed & Socketed	
		Min	Max						
		mm	mm	mm	SWG	Kg/Mtr	Meters/Tonne	Kg/Mtr	Meters/Tonne
15	L	21.0	21.4	2.0	14	0.95	1052	0.96	1046
	M	21.0	21.8	2.6	12	1.21	826	1.22	820
	H	21.0	21.8	3.2	10	1 44	694	1.45	690
20	L	26.4	26.9	2.3	13	1.38	725	1.39	719
	M	26.5	27.3	2.6	12	1.56	641	1.57	637
	H	26.5	27.3	3.2	10	1.87	535	1.88	532
25	L	33.2	33.8	2.6	12	1.98	505	2.00	500
	M	33.2	34.2	3.2	10	2.41	415	2.43	411.5
	H	33.2	34.2	4.0	8	2.93	341	2.95	339
32	L	41.9	42.5	2.6	12	2.54	394	2.57	389
	M	42.0	42.9	3.2	10	3.1	322	3.13	319
	H	42.0	42.9	4.0	8	3.79	264	3.82	262
40	L	47.8	48.4	2.9	11	3.23	310	3.27	306
	M	47.8	48.8	3.2	10	3.56	281	3.60	278
	H	47.9	48.8	4.0	8	4.37	229	4.41	227
50	L	59.6	60.2	2.9	11	4.08	245	4.15	241
	M	59.7	60.8	3.6	9	5.03	199	5.10	196
	H	59.7	60.8	4.5	7	6.19	161	6.26	160
65	L	75.2	76.0	3.2	10	5.74	175	5.83	171.5
	M	75.3	76.6	3.6	9	6.42	156	6.54	153
	H	75.3	76.6	4.5	7	7.93	126	8.05	124
80	L	87.9	88.7	3.2	10	6.72	149	6.89	145
	M	88.0	89.5	4.0	8	8.36	120	8.53	117
	H	88.0	89.5	4.8	6	9.9	101	10.10	96
100	L	113.0	113.9	3.6	9	9.75	102	10.00	100
	M	113.1	115.0	4.5	7	12.2	82	12.50	80
	H	113.1	115.0	5.4	5	14.5	69	14.80	67.5
125	M	138.5	140.8	4.8	6	15.9	63	16.40	61
	H	138.5	140.8	5.4	5	17.9	56	18.40	54
150	M	163.9	166.5	4.8	6	18.9	53	19.50	
	H	163.9	166.5	5.4	5	21.3	47	21.90	46

Tolerance

A - Thickness	Tolerance	B- Weight	Tolerance	Length Tolerance
1. Light Tubes	not limited -8%	1.Single Tube (light Series)	+10% -8%	Unless otherwise specified 4 to 7 mtrs. Can also be supplied in Fix Lengths ±5crn.
2. Medium & Heavy Tubes	+ not limited -10%	2.Single Tube (Medium & Heavy Series)	±10%	
		3.For quantities per load of 10 tonnes minimum (Light Series)	+7.5% - 5%	
		4.For quantities per load of 10 tonnes - Minimum (Medium and Heavy Series)	±7.5%	

ERW Steel Tubes For Structural Purposes Conforming to IS 1161:2014 CHS

Grade YSt 210, YSt 240, YSt 310, YSt 355

NB	Outside Diameter	Thickness	Nominal Weight		Calculated Nominal Weight	
			Black Tube		Galvanized Tubes	
			Plain End		Plain End	
	mm	mm	Kg/M	Mtr/Tornne	Kg/M	Mtr/Tornne
15	21.3	2.0	0.947	1058	1.00	1003
		2.6	1.21	826	1.26	794
		3.2	1.44	694	1.49	671
	26.9	2.3	1.38	725	1.43	699
20		2.6	1.56	641	1.61	221
		3.2	1.87	535	1.92	521
	33.7	2.6	1.98	505	2.03	493
25		3.2	2.41	415	2.46	407
		4.0	2.93	341	2.98	336
	42.4	2.6	1.54	394	2.62	382
32		3.2	3.10	323	3.18	314
		4.0	3.79	264	3.87	258
	48.3	2.9	3.23	310	3.34	299
40		3.2	3.56	281	3.67	272
		4.0	4.37	229	4.48	223
	60.3	2.9	4.08	245	4.20	238
50		3.2	5.03	199	5.15	194
		4.0	6.19	162	6.31	158
	76.1	2.9	5.24	191	5.38	186
65		3.6	6.42	156	6.57	152
		4.5	7.93	126	8.10	123
	88.9	3.2	6.72	149	6.9	145
80		4.0	8.36	120	8.54	117
		4.8	9.90	101	10.08	99
	101.6	3.6	8.70	115	8.97	111
90		4.0	9.63	144	7.20	139
		4.8	11.50	87	11.77	85
	114.3	3.6	9.75	103	9.97	100
100		4.5	12.2	82	12.42	81
		5.4	14.5	69	14.72	68
	127	4.5	13.6	74	13.9	72
110		4.8	14.5	69	14.8	68
		5.4	16.2	62	14.8	61
	139.7	4.5	15.0	67	15.25	66
125		4.8	15.9	63	16.15	62
		5.4	17.9	56	18.15	55
	152.4	4.5	16.4	61	16.78	60
135		4.8	17.5	57	77.88	56
		5.4	19.6	51	19.98	55
150	165.1	4.5	17.8	56	18.2	55
		4.8	18.9	52	19.8	51
		5.4	21.3	47	21.7	46
150	168.3	4.5	18.2	55	18.66	54
		4.8	19.4	52	19.88	50
		5.4	21.7	46	22.24	45
		6.3	25.2	40	41	24
175	193.7	4.8	22.4	45	22.94	44
		5.4	25.1	40	25.64	39
		5.9	27.3	37	27.84	36

Tolerance

Grade	Y.S. (Min) Mpa (KG/MM2)	T.S (Min) Mpa (KG/MM2)	% Age Elongation on
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

Weight	Tolerance
Single Tube	± 10%
10 Ton Lot	± 7.5%

ERW Steel Tubes for Mechanical & General Engineering Purpose

IS 3601:2006

NB.Size		Approx O.D. mm	Thickness mm	WI Kg Mtr.	Motors Per Tonne
mm	in				
15	1/2"	21.3	1.8	0.866	1155
			2.0	0.952	1050
			2.6	1.20	833
			3.2	1.43	699
			4.0	1.71	585
20	3/4"	26.9	1.8	1.11	901
			2.0	1.23	813
			2.3	1.40	714
			2.6	1.56	641
			3.2	1.67	535
			4.0	2.26	442
25	1"	33.7	2.0	1.56	641
			2.3	1.78	562
			2.6	1.99	503
			3.2	2.41	415
			4.0	2.93	341
			4.5	3.24	309
32	1.25"	42.4	2.3	2.27	441
			2.6	2.55	392
			3.2	3.09	324
			3.6	3.44	291
			4.0	3.79	264
			5.0	4.61	217
			5.4	4.93	203
40	1.5"	48.3	2.3	2.61	383
			2.6	2.93	341
			2.9	3.25	308
			3.2	3.56	281
			4.0	4.37	229
			4.9	5.23	191
			5.0	5.34	187
			5.6	5.900	170
50	1.5"	48.3	2.3	3.29	304
			2.6	3.70	270
			2.9	4.11	243
			3.2	4.51	222
			3.6	5.03	199
			4.0	5.55	180
			4.5	6.19	162
			5.0	6.82	147
			5.6	7.55	133
			6.3	8.39	119
65	2.5"	76.1	2.6	5.24	191
			3.2	5.75	174
			3.6	6.44	155
			4.0	7.11	141
			4.5	7.95	126
			5.0	8.777	114
80	3"	88.9	2.9	6.15	163
			3.2	6.76	148
			4.0	8.38	119
			5.0	10.3	97
			5.4	11.1	90
			5.6	11.5	87
			6.3	12.8	78

Tolerance

1. On outside diameter up to & including 48.3mm=+0.4mm -0.8mm
2. Over 48.3 mm=+ - 1%

Thickness	Tolerance
For All Size Welded Tubes	± 10%

Steel Square Hollow Sections For Structural Purpose (SHS)

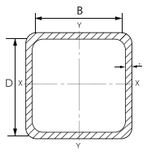
Conforming to IS 4923:2017 GRADE YSt 210, YSt 240, YSt 310, Yst 355 and IS: 18573 : 2024

SHS	D	B	Thickness	Sec Area	Unit Wt	Moment of Inertia		Radius of Gyration		Elastic Modulus		Torsional Constants		Outer Surface Area Per Metre Length
DXB			T	A	W	Ixx	Iyy	Rxx	Ryy	Zxx	Zyy	I_T	C_T	
mm	mm	mm	mm	cm2	kg/m	cm4	cm4	cm	cm	cm3	cm3	cm4	cm3	m32/m
20 x 20	20	20	1.6	1.11	0.87	0.61	0.61	0.74	0.74	0.61	0.61	1.03	0.92	0.075
	20	20	1.8	1.23	0.96	0.65	0.65	0.73	0.73	0.65	0.65	1.13	1.00	0.074
	20	20	2.0	1.34	1.05	0.69	0.69	0.72	0.72	0.69	0.69	1.21	1.06	0.073
	20	20	2.2	1.44	1.13	0.73	0.73	0.71	0.71	0.73	0.73	1.29	1.12	0.072
25 x 25	25	25	1.6	1.43	1.12	1.28	1.28	0.94	0.94	1.02	1.02	2.12	1.54	0.095
	25	25	2.0	1.74	1.36	1.48	1.48	0.92	0.92	1.19	1.19	2.53	1.80	0.093
	25	25	2.6	2.16	1.69	1.72	1.72	0.89	0.89	1.38	1.38	3.04	2.12	0.091
	25	25	3.2	2.53	1.98	1.89	1.89	0.86	0.86	1.51	1.51	3.45	2.34	0.089
30 x 30	30	30	1.6	1.75	1.38	2.31	2.31	1.15	1.15	1.54	1.54	3.77	2.32	0.115
	30	30	1.8	1.95	1.53	2.52	2.52	1.14	1.14	1.68	1.68	4.16	2.54	0.114
	30	30	2.0	2.14	1.68	2.72	2.72	1.13	1.13	1.81	1.81	4.54	2.75	0.113
	30	30	2.5	2.59	2.03	3.16	3.16	1.10	1.10	2.10	2.10	5.40	3.20	0.111
32 x 32	32	32	2.0	2.30	1.80	3.37	3.37	1.21	1.21	2.10	2.10	5.58	3.18	0.121
	32	32	2.6	2.88	2.26	4.02	4.02	1.18	1.18	2.51	2.51	6.86	3.82	0.119
	32	32	3.2	3.42	2.69	4.54	4.54	1.15	1.15	2.84	2.84	7.96	4.34	0.117
38 x 38	38	38	2.0	2.78	2.18	5.88	5.88	1.46	1.46	3.10	3.10	9.60	4.67	0.145
	38	38	2.6	3.51	2.75	7.14	7.14	1.43	1.43	3.76	3.76	11.93	5.69	0.143
	38	38	3.2	4.19	3.29	8.18	8.18	1.40	1.40	4.30	4.30	14.01	6.55	0.141
	38	38	4.0	5.03	3.95	9.26	9.26	1.36	1.36	4.87	4.87	16.38	7.48	0.138
40 x 40	40	40	2.6	3.72	2.92	8.45	8.45	1.51	1.51	4.23	4.23	14.06	6.39	0.151
	40	40	2.9	4.09	3.21	9.12	9.12	1.49	1.49	4.56	4.56	15.34	6.91	0.150
	40	40	3.2	4.45	3.49	9.72	9.72	1.48	1.48	4.86	4.86	16.55	7.39	0.149
	40	40	4.0	5.35	4.20	11.08	11.08	1.44	1.44	5.54	5.54	19.44	8.48	0.146
49.5 x 49.5	49.5	49.5	2.6	4.70	3.69	16.91	16.91	1.90	1.90	6.83	6.83	27.59	10.31	0.189
	49.5	49.5	2.9	5.19	4.07	18.37	18.37	1.88	1.88	7.42	7.42	30.26	11.21	0.188
	49.5	49.5	3.6	6.28	4.93	21.42	21.42	1.85	1.85	8.66	8.66	36.07	13.12	0.186
	49.5	49.5	4.5	7.58	5.95	24.64	24.64	1.80	1.80	9.96	9.96	42.66	15.19	0.183
60x60	60	60	2.6	5.80	4.55	31.33	31.33	2.33	2.33	10.44	10.44	50.38	15.72	0.231
	60	60	2.9	6.41	5.03	34.21	34.21	2.31	2.31	11.4	11.4	55.44	17.18	0.230
	60	60	3.2	7.01	5.50	36.94	36.94	2.3	2.3	12.31	12.31	60.34	18.57	0.229
	60	60	4.0	8.55	6.71	43.55	43.55	2.26	2.26	14.52	14.52	72.64	21.97	0.226
	60	60	4.8	10.01	7.85	49.22	49.22	2.22	2.22	16.41	16.41	83.81	24.94	0.224
72x72	72	72	3.2	8.54	6.71	66.32	66.32	2.79	2.79	18.42	18.42	106.82	27.74	0.277
	72	72	4.0	10.47	8.22	79.03	79.03	2.75	2.75	21.95	21.95	129.54	33.13	0.274
	72	72	4.8	12.31	9.66	90.31	90.31	2.71	2.71	25.09	25.09	150.63	37.97	0.272
75x75	75	75	1.6	4.63	3.64	41.29	41.29	2.99	2.99	11.01	11.01	64.09	16.52	0.225
	75	75	1.8	5.19	4.07	45.94	45.94	2.98	2.98	12.25	12.25	71.62	18.39	0.294
	75	75	2.0	5.74	4.50	50.49	50.49	2.97	2.97	13.46	13.46	79.05	20.22	0.293
	75	75	2.2	6.28	4.93	54.93	54.93	2.96	2.96	14.65	14.65	86.36	22.00	0.292
	75	75	2.5	7.09	5.56	61.38	61.38	2.94	2.94	16.37	16.37	97.13	24.60	0.291
	75	75	2.8	7.88	6.19	67.60	67.60	2.93	2.93	18.03	18.03	108	27	0.290
	75	75	3.0	8.41	6.60	71.62	71.62	2.92	2.92	19.10	19.10	115	29	0.290
80x80	80	80	3.2	9.57	7.51	92.72	92.72	3.11	3.11	23.18	23.18	148	35	0.309
	80	80	4.0	11.75	9.22	111.05	111.05	3.07	3.07	27.76	27.76	180	42	0.306
	80	80	4.8	13.85	10.87	127.59	127.59	3.04	3.04	31.90	31.90	211	48	0.304
91.5 x 91.5	91.5	91.5	3.6	12.32	9.67	156.50	156.50	3.56	3.56	34.21	34.21	250	51	0.354
	91.5	91.5	4.5	15.14	11.88	187.58	187.58	3.52	3.52	41.00	41.00	304	62	0.351
	91.5	91.5	5.4	17.85	14.01	215.69	215.69	3.48	3.48	47.14	47.14	355	71	0.347
100 100	100	100	4.0	14.95	11.73	226.36	226.36	3.89	3.89	45.27	45.27	362	68	0.386
	100	100	5.0	18.36	14.41	271.11	271.11	3.84	3.84	54.22	54.22	441	82	0.383
	100	100	6.0	21.63	16.98	311.49	311.49	3.79	3.79	62.30	62.30	514	94	0.379
113.5x113.5	113.5	113.5	4.8	20.28	15.92	393.32	393.32	4.40	4.40	69.31	69.31	631	104	0.438
	113.5	113.5	5.4	22.60	17.74	432.60	432.60	4.38	4.38	76.23	76.23	700	115	0.435
132 x 132	132	132	4.8	23.83	18.71	634.41	634.41	5.16	5.16	96.12	96.12	1009	145	0.512
	132	132	5.4	26.60	20.88	700.13	700.13	5.13	5.13	106.08	106.08	1121	160	0.509
150 x 150	150	150	4.0	22.95	18.01	807.83	807.83	5.93	5.93	107.71	107.71	1265	162	0.586
	150	150	5.0	28.36	22.26	982.14	982.14	5.89	5.89	130.95	130.95	1554	197	0.583
	150	150	6.0	33.63	26.40	1145.9	1145.9	5.84	5.84	152.79	152.79	1833	230	0.579
	150	150	7.0	38.78	30.44	1299.5	1299.5	5.79	5.79	173.27	173.27	2108	260	0.570
	150	150	8.0	43.79	34,38	1443.1	1443.1	5.74	5.74	192.41	192.41	2364	289	0.566

OTHER ALLOWABLE STREES VALUES (in Mpa)

Steel Grade	Minimum Yield Stress	Minimum UTS	Axial Street in Tension	Bending Stress In Ten of Compn.	Shear Stress	Bearing Stress	Equivalent Stress
Yst 210	210	330	--	--	--	--	--
Yst 240	240	410	144	158	108	180	216
Yst 310	310	450	186	205	140	232	279

Note: Mnimum % Elongation: 10% for GR. Yst 240 & 20 % for Yst 210



Steel Rectangular Hollow Sections For Structural Purpose (RHS)

Conforming to IS 4923 GRADE YSt 210, YSt 240, YSt 310, YSt 355 and IS:18573: 2024

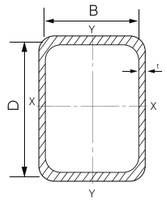
SHS	D	B	Thickness	Sec Area	Unit Wt	Moment of Inertia		Radius of Gyration		Elastic Modulus		Torsional Constants		Outer Surface Area Per Metre Length
DXB			T	A	W	Ixx	Iyy	Rxx	Ryy	Zxx	Zyy	I_T	C_T	
mm	mm	mm	mm	cm2	kg/m	cm4	cm4	cm	cm	cm3	cm3	cm4	cm3	m2/m
40 x 20	40	20	1.6	1.75	1.38	3.43	1.15	1.40	0.81	1.72	1.15	2.89	2.01	0.115
	40	20	1.8	1.95	1.53	3.75	1.25	1.39	0.80	1.88	1.25	3.18	2.19	0.114
	40	20	2.0	2.14	1.68	4.05	1.34	1.38	0.79	2.02	1.34	3,45	2.36	0.113
	40	20	2.2	2.32	1.82	4.32	1.43	1.36	0.78	2.16	1.43	3.71	2.51	0.112
	40	20	2.5	2.59	2.03	4.69	1.54	1.35	0.77	2.35	1.54	4.06	2.72	0.111
50 x 25	50	25	2.0	2.74	2.15	8.38	2.81	1.75	1.01	3.35	2.25	7.06	3.92	0.143
	50	25	2.6	3.46	2.71	10.16	3.36	1.71	0.99	4.06	2.69	8.68	4.72	0.141
	50	25	3.2	4.13	3.24	11.63	3.80	1.68	0.96	4.65	3.04	10.08	5.38	0.139
	50	25	4.0	4.95	3.88	13.13	4.23	1.63	0.92	5.25	3.38	11.57	6.05	0.136
60 x 40	60	40	2.6	4.76	3.73	22.76	12.09	2.19	1.59	7.59	6.05	25.99	10.02	0.191
	60	40	2.9	5.25	4.12	24.75	13.12	2.17	1.58	8.25	6.56	28.48	10.9	0.190
	60	40	3.6	6.35	4.98	28.90	15.23	2.13	1.55	9.63	7.62	33.86	12.73	0.188
	60	40	4.5	7.67	6.02	33.31	17.44	2.08	1.51	11.1	8.72	39.91	14.69	0.185
66 x 33	66	33	2.6	4.70	3.69	25.16	8.43	2.31	1.34	7.62	5.11	21.17	8.91	0.189
	66	33	2.9	5.19	4.07	27.33	9.12	2.30	1.33	8.28	5.53	23.13	9.66	0.188
	66	33	3.6	6.28	4.93	31.87	10.52	2.25	1.29	9.66	6.38	6.38	11.21	0.186
	66	33	4.5	7.58	5.95	36.64	11.93	2.20	1.25	11.10	7.23	31.9	12.84	0.183
80 x 40	80	40	2.6	5.80	4.55	46.58	15.74	2.84	1.65	11.65	7.87	38.87	13.66	0.231
	80	40	2.9	6.41	5.03	50.87	17.11	2.82	1.63	12.72	8.56	42.65	14.89	0.230
	80	40	3.2	7.01	5.50	54.95	18.41	2.80	1.62	13.74	9.21	46.28	16.05	0.229
	80	40	4.0	8.55	6.71	64.80	21.49	2.75	1.59	16.2	10.74	55.24	18.84	0.226
	80	40	4.8	10.01	7.85	73.22	24.03	2.71	1.55	18.31	12.02	63.16	21.21	0.224
96 x 48	96	48	3.2	8.54	6.71	98.61	33.28	3.40	1.97	20.54	13.87	82.38	24.09	0.277
	96	48	4.0	10.47	8.22	117.55	39.32	3.35	1.94	24.49	16.38	99.22	28.59	0.274
	96	48	4.8	12.31	9.66	134.36	44.55	3.30	1.90	27.99	18.56	115	32.56	0.272
100 x 50	100	50	3.6	9.95	7.81	123.52	41.57	3.52	2.04	24.70	16.63	104	20.92	0.288
	100	50	4.5	12.17	9.55	146.61	48.87	3.47	2.00	29.32	19.55	124	34.18	0.285
	100	50	5.4	14.28	11.21	166.83	55.09	3.42	1.96	33.37	22.04	143	38.75	0.281
	100	50	6.0	15.63	12.27	178.77	58.68	3.38	1.94	35.75	23.47	154	41.43	0.279
120 x 60	120	60	3.2	10.85	8.51	199.89	67.95	4.29	2.50	33.31	22.65	166	39.21	0.349
	120	60	3.6	12.11	9.50	220.76	74.77	4.27	2.49	36.79	24.92	184	43.22	0.348
	120	60	4.5	14.87	11.67	264.53	88.88	4.22	2.44	44.09	29.63	222	51.58	0.345
122 x 61	122	61	3.6	12.32	9.67	232.62	78.83	4.34	2.53	38.13	25.85	193	44.81	0.354
	122	61	4.5	15.14	11.88	278.95	93.79	4.29	2.49	45.73	30.75	234	53.52	0.351
	122	61	5.4	17.85	14.01	320.85	107.03	4.24	2.45	52.60	35.09	272	61.34	0.347
145 x 82	145	82	4,8	20.28	15.92	555.18	228.51	5.23	3.36	76.58	55.73	530	95	0.438
	145	82	5.4	22.60	17.74	610.87	250.60	6.20	3.33	84.26	61.12	586	104	0.435
172 x 92	172	92	4.8	23.83	18.71	917.15	346.92	6.20	3.82	106.66	75.42	819	129	0.512
	172	92	5.4	26.60	20.88	1012.50	381.75	6.17	3.79	117.73	82.99	908	142	0.509
180 x70	180	70	4.8	22.49	17.65	864.57	194.72	6.20	2.94	96.06	55.64	5.32	100	0.484
	180	70	5.4	25.08	19.69	952.91	213.31	6.16	2.92	105,88	60.95	588	109	0.481
	180	70	6.0	27.63	21.69	1037.1	230.75	6.13	2.89	115.23	65.93	641	119	0.479
	180	70	8.0	35.79	28.10	1288.2	280.92	6.00	2.80	143.13	80.26	800	144	0.466
200 100	200	100	4.0	22.95	18.01	1199.7	410.78	7.23	4.23	119,97	82.16	985	142	0.536
	200	100	5.0	28.36	22.26	1459.3	496.95	7.17	4.19	145.93	99.39	1206	172	0.583
	200	100	6.0	33.63	26.40	1703.36	576.93	7.12	4.14	170.34	115.39	1417	200	0,579
	200	100	7.0	38.78	30.44	1932.3	650.95	7.06	4.10	193.23	130.19	1622	226	0.570
	200	100	8.0	43.79	34.38	2146.3	719.22	7.00	4.05	214.63	143.84	1811	250	0.566

General technical specifications and tolerances

Spec : IS: 4923: 1997/EN 10219-1:2006/ASTM A-500

Length : 6.0m± 0.05mm Customized Length ranging from 4 m to 12m may be supplied

Thickness : For all sizes: ± 10.0%



ERW STEEL PIPES FOR WATER WELLS (CASING PIPES)

CONFORMING TO IS: 4270:2001 FE 410 AND FE 450

N.B. size	Out side Diameter	Wall Thickness	Nominal Weight	
mm	mm	mm	Kg/m	m/Tone
100	114.3	5.0	13.48	74
		5.4	14.5	69
125	141.3	5.0	16.8	59
		5.4	18.1	55
		7.1	23.5	42.5
150	168.3	5.0	20.13	50
		5.4	21.6	46
		7.1	28.2	35.5
175	193.7	5.4	25.1	40
		6.4	29.6	34
		8.0	36.6	27

Physical Properties			
Grade	Y.S. (Min) MPa	T.S (Min) MPa (Min)	Percentage MIN. Elongation on 5.6 SO=GL.
Fe 410	235	410	15

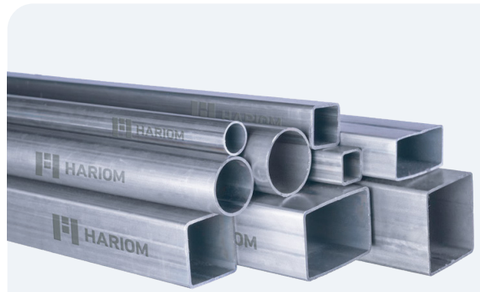
Tolerance	
a. Outside diameter of pipe	± 1.0%
b. Thickness Up to 193.7mm OD	(+) 15% (-)12.5%
c. Weight - Single Tube	(+)10% (-)8%
d. Length	4 to 12 mtrs

** There are prefered included OD & thickness. Other sizes not include.

CRCA PRECISION TUBES WEIGHT CHART

CONFORMING TO IS: 4270:2001 FE 410 AND FE 450

SIZE (OD)mm	THICKNESS (mm)									
	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.60	1.80	2.00
9.53	0.81	0.94	1.08	1.21	1.35	1.62				
12.70	1.08	1.26	1.44	1.62	1.8	2.16	2.52	2.88		
15.88	1.35	1.57	1.8	2.02	2.25	2.7	3.15	3.6	4.05	4.5
19.05	1.62	1.89	2.16	2.43	2.7	3.24	3.78	4.32	4.86	5.39
22.23	1.89	2.2	2.52	2.83	3.15	3.78	4.41	5.04	5.67	6.3
25.40	2.16	2.52	2.88	3.24	3.6	4.32	5.04	5.75	6.47	7.19
31.75	2.7	3.15	3.6	4.05	4.5	5.39	6.29	7.19	8.09	8.99
38.10	3.24	3.78	4.32	4.86	5.39	6.47	7.55	8.63	9.71	10.79
48.30					6.84	8.21	9.57	10.94	12.31	13.68
50.80					7.19	8.63	10.07	11.51	12.95	14.39
63.50					8.99	10.79	12.59	14.39	16.18	17.98
76.20					10.79	12.95	15.11	17.26	19.42	21.58



Other available sizes are	
In SHS	In RHS
15x15 mm	40x20 mm
25x25 mm	80x40 mm
30x30 mm	

GP PIPES (PRE-GALVANIZED)

We specialise in manufacturing high quality GP Pipes (Pre-Galvanized) in Circular, Square & Rectangular Sections, catering to broad spectrum of applications from residential to heavy duty industrial usages. GP pipes are manufactured from High Quality Galvanized Coils procured from Top Class suppliers in India, ensuring top-notch durability and performance to meet rigorous industry standards.

Product	Size Range	Thickness
G.P. Square	15X15mm to 100X100 mm	0.80 mm to 3.00 mm according to OD/Thick. Ratio.
G.P. Rectangular	40X10 mm to 100X50 mm	0.80 mm to 3.00 mm according to OD/Thick. Ratio.
G.P. Round	15 NB (21.3 mm OD) to 100 NB (114 mm OD)	0.80mm to 3.00mm according to OD/Thick. Ratio.

OPERATIONAL HUB

TG TELANGANA
320+ Dealers across
33 Districts

AP ANDHRA PRADESH
180+ Dealers across
26 Districts

KA KARNATAKA
290+ Dealers across
31 Districts

KL KERALA
65+ Dealers across
14 Districts

TN TAMIL NADU
200+ Dealers across
38 Districts

THE HARIOM ADVANTAGE

Integrated Manufacturing
Billets to finished pipes, coils & scaffolding, all produced in-house.

500,000+ MTPA Installed Capacity
Across Telangana, Andhra Pradesh & Tamil Nadu units.

Pan-India Distribution
Serving 20+ states, govt bodies & OEMs.

20+ Product Variants
Across pipes, coils, scaffolding, billets.

ISI & ISO Certified
Across Telangana, Andhra Pradesh & Tamil Nadu units.

Sustainability-Focused
Serving 20+ states, govt bodies & OEMs.

Nationwide Dealer Network
Across pipes, coils, scaffolding, billets.

TRUSTED BY INDUSTRY LEADERS

Over the years, Hariom Pipes is a trusted partner to India's leading visionaries from government, public, and private sector enterprises

LEADING A GREENER TOMORROW

Through Sustainable Steel Manufacturing

Powering the Process

Hot charging and baghouse filters make our production cleaner, more efficient, and nearly zero-waste.

Protecting Our People

We maintain a zero-fatality workplace through strict safety standards, secure infrastructure, and a culture that puts people first.

Preserving Every Drop

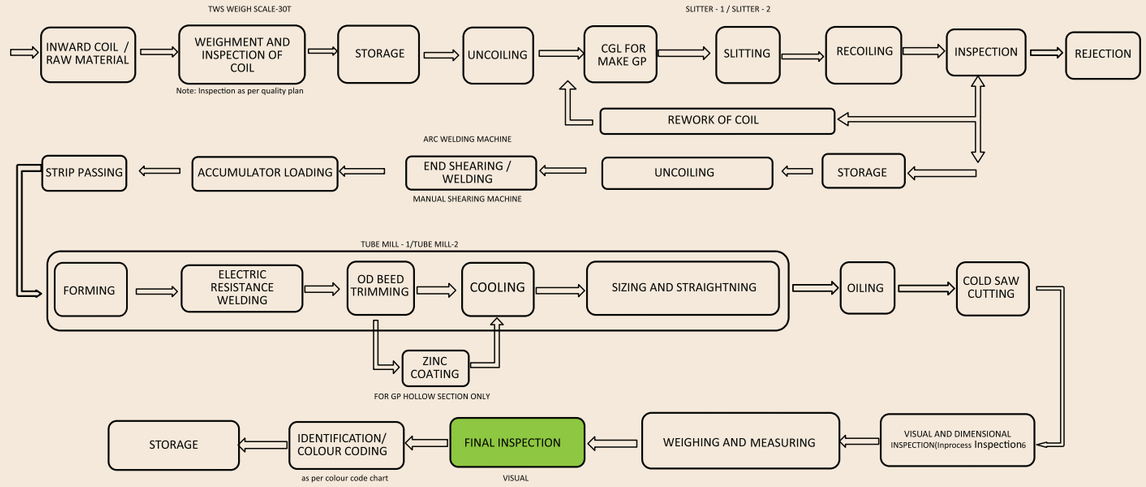
Rainwater harvesting and water recycling systems reduce discharge and replenish groundwater.

Preserving the Planet

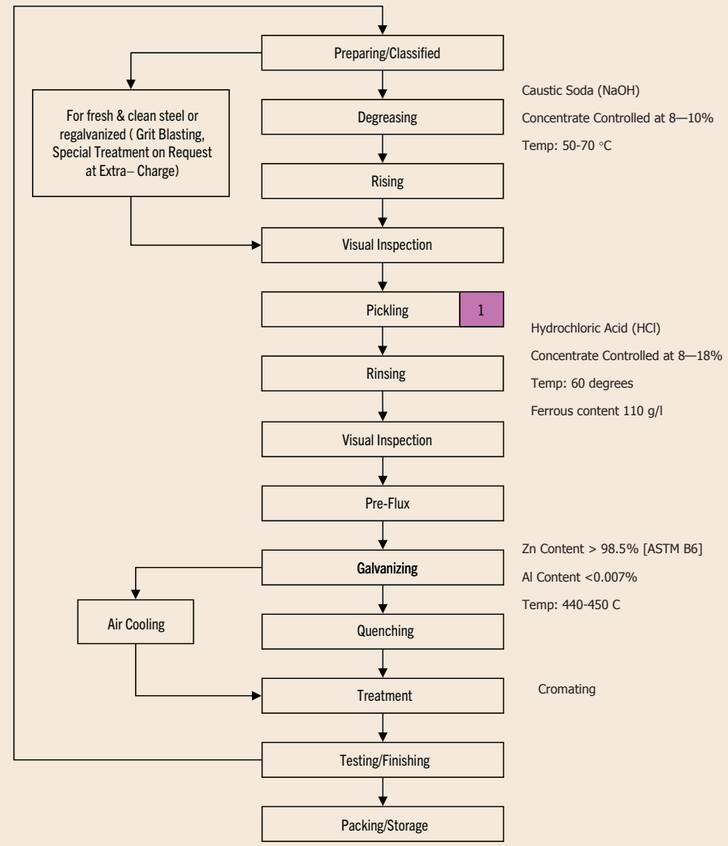
Biogas and solar power drive our renewable shift, while plantation drives restore green cover and biodiversity.

Glimpse of Product Manufacturing

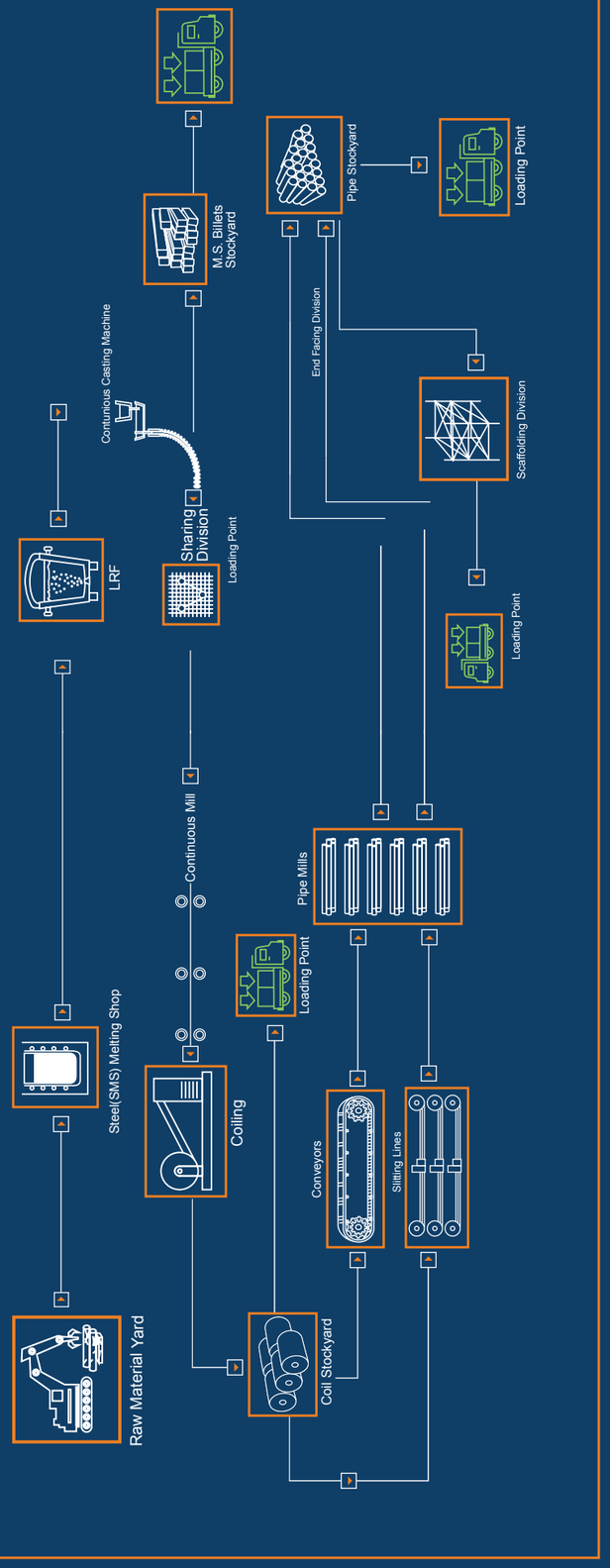
Process Flow Diagram | Raw Material to End Product



Galvanizing Process



HARIOM MANUFACTURING JOURNEY



ISO CERTIFICATIONS

BIS APPROVALS

IS 3601 — CM/L-6300029905

IS 1161 — CM/L-6300101075

IS 2830 — CM/L-4682981

IS 10748 — CM/L-6300097611

IS 1239 — CM/L-6300102656

IS 4923 — CM/L-6300065097

True Green
Renewable & Sustainable
HARIOM

Hariom Pipe Industries Limited

Corporate Office:
Samarpan, #3-4-174 12 2, Near Pillar No. 125, Attapur,
Hyderabad - TS - 500048

Warehouse:
H.No.2-34, Sy.no.151, Dullapally Village, Qutubullapur, Mandal,
Medchal District, TS - 500014, Ph: +91 7207937903

UNIT 1 & 4
Survey No.58 & 63,
Sheriguda (V), Balanagar (M),
Mahabubnagar Dist.,TS - 509 202

UNIT 2
Survey No. 98, D.Hirehal Village
D.Hirehal Mandal, Ananthapur
Andhra Pradesh - 515872

UNIT 3
Plot No. B-15 to B-28, SIPCOT INDL.
Growth Centre, Perundurai, Erode
Tamil Nadu - 638052

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