



RENNY

PIPES | SCAFFOLDING & FORMWORK | PAINTS

**REINFORCING
GREEN STEEL
REVOLUTION**

Pragati ki Pehchaan

Metal has
always been
Resilient

Renny has made
it **Delightful**

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Pragati ki Pehchaan

Embodies the spirit of Progress & Innovation that drives Renny forward. This initiative reflects organizational commitment to Fostering Growth and Excellence in every aspect of the operations. By focusing on continuous Improvement, embracing New Technologies & expanding the Global Footprints, Renny aims to set benchmarks in the Steel Industry. Renny's dedication to Sustainability, Quality & Customer Satisfaction underpins this vision, ensuring that Renny remains a symbol of advancement and a **Dynamic Leader** in the Industry.



With **3 Strategically Located**, state-of-the-art **Fully Integrated Manufacturing Facilities in Punjab**, Renny boasts a production capacity of **3,00,000 MTPA**. The company's diverse & cost-effective product portfolio includes over **1,000 SKUs**, establishing it as one of the foremost ERW Pipes & Tubes, Scaffolding & Formworks manufacturers in North India. Renny is proudly serving both **National & International markets** through a **Strong Network of Distributors**. The company maintains the industry standard set by **BIS, EN, ASTM, AS**. Renny is certified with **9001:2015, ISO 14001:2015 & ISO 45001:2018, EN 1090-2:2018**.



The Metal We are Made of

In 1996, Renny embarked on its dynamic journey. Founded under the prudent leadership of **Mr. Dev Gupta & Mr. Binny Gupta**, Renny aimed to carve a niche in producing **Innovative, Sustainable & Industry-fit Products at Competitive Prices**.

Headquartered in Ludhiana, Renny specializes in **4 verticals: Coil Division, Pipe Division, Scaffolding & Formwork Division, Industrial Paint Division**. Under Coil division, Renny produces Premium Quality HR Coils, in the Pipe division the key products are MS Black & Galvanized Hollow Section in Round, Square & Rectangular shapes. Renny, adheres to core values of **Stringent Standards, Innovative Product Range, Unwavering Customer Satisfaction**.

A significant turn in Renny's story occurred a year ago when the next generation joined the family business, with a vision of making the organization future-ready. The youngest leader in this business dynamic is **Mr. Sarthak Gupta**. After completion of his studies in overseas, the young blood found a sea of opportunities in India. With business legacy in his genes and an excellent acumen to understand the industry landscape, he has taken a leadership role to augment the overall business growth. With his initiative Renny launched **Scaffolding & Formwork Division which is a One-Stop Solution for Scaffolding & Formwork with Specialized Products**.

Renny's **Newest Division Industrial Paints**, is rapidly gaining traction in the market due to its high quality and competitive advantages. This division benefits from its wide applicability across industries and its integration with other divisions enhances market penetration for this promising new segment.

Renny's solid commitment to quality & innovation maintains its leadership in this industry, consistently surpassing customer expectations and setting new benchmarks for excellence.





We are Crafting Excellence



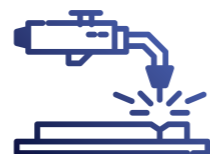
Robust & Resilient

Renny Products are crafted from high quality **HR Coils**, ensuring robust reliability suitable for a wide range of applications. The Renny product range is designed to withstand rigorous quality standards, ensuring **Resilience in Harsh Environments**.



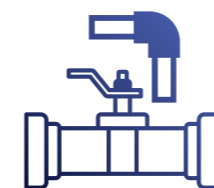
Cost-Effective

Renny Products stand out as a cost-effective solution, leveraging their economic advantage from a fully integrated manufacturing process. Compared to its competitors, Renny is the preferred choice across various industries for its **Affordable Range** along with exceptional **Quality & Durability**.



Welding Efficient

Optimizing the welding process of Renny Products involve precise control of parameters and material selection to ensure **High-Quality Welds & Durability**. The company is certified with TUV Rheinland for execution of structural steel components EN 1090. Proper pre-weld preparation, rigorous quality assurance and post-weld treatments further enhance performance and reliability in various **Industrial Applications**.



Precision Fit

Renny Products are exceptionally precise with **Uniform Dimensions & Standardized Fittings**. For the Pipe, Scaffolding & Formwork segments, these characteristics guarantee compatibility with a wide range of connectors, valves and fixtures across diverse industries, including **Automotive, Water Supply, Oil & Gas and Structural Applications**.



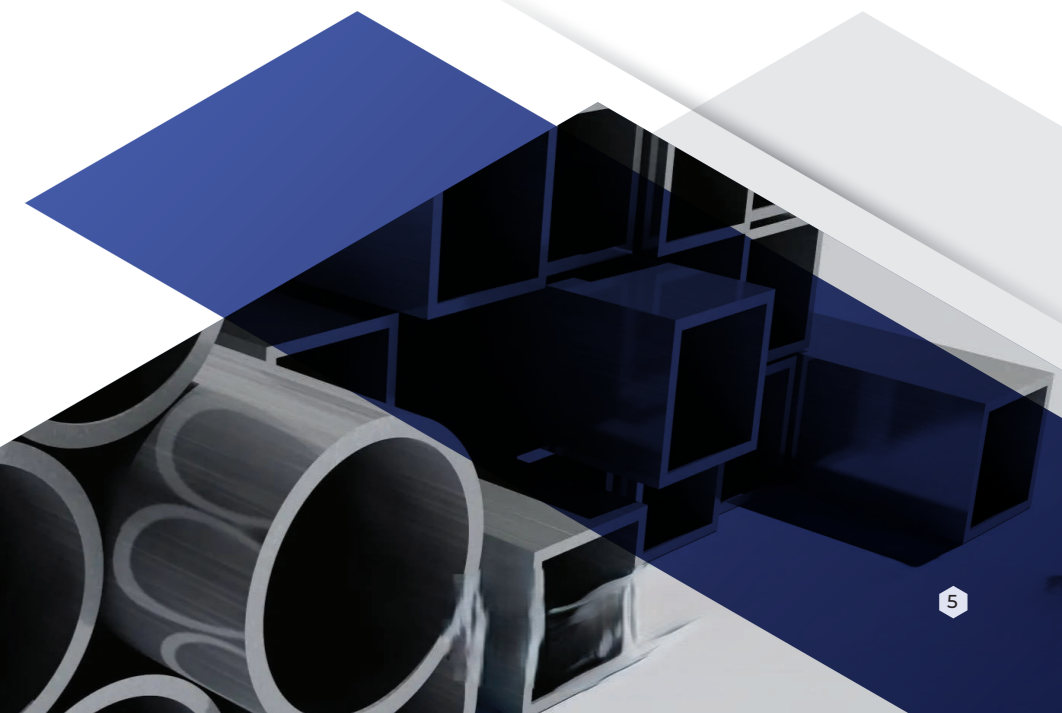
Rust Resistant

Renny Galvanized (GI) pipes, scaffolding & formwork are coated with zinc to prevent corrosion and extend their lifespan significantly. Renny follows the **Hot Dip Galvanizing** process with the minimum zinc coating of **385 GSM** & these pipes offer exceptional **Rust Resistance**, ensuring durability even in Humid & Harsh Environments. Their reliability in transporting clean, potable water makes Renny GI products a preferred choice across **Residential, Commercial & Industrial applications**.



Advanced Testing & Validation Proof

Renny employs a rigorous Quality Assurance process to ensure the **Reliability** of its products. This includes **Hydro Test, Drift Test, Spectro Test, Eddy Current Tests, Bend & Flattening Tests, detailed Weld Inspections, Digital Hardness Testing and Automated Strength, Weight Checks, Visual inspections, Precise Measurements & through assessments of coating, Corner Radius, Squareness, Thread pass Test through CMM**. These measures reflect Renny's commitment to delivering top-quality products for various **Industrial Applications**.





RENNY Coil

Renny is recognized as a **High-Quality HR Coil** producer in **North India**, with state-of-the-art manufacturing processes powered by **Automatic Gauge Control (AGC)** technology. Renny has engineered **Specially Designed Blooms** specifically for hot rolled steel coil production. This innovation results in Renny coils boasting an **Exceptional Surface Finish**, guaranteeing unparalleled **Quality & Reliability**. All production processes are rigorously compliant with **IS: 10748 & 2062 standards**, ensuring consistent and high-quality output.

Renny utilizes a variety of **Bloom & Slab Sizes**, including dimensions of **250x150 mm & 300x150 mm**. These specific sizes play a crucial role in enhancing the superior characteristics of the coils, ensuring optimal **Performance & Durability** across **Diverse Applications**.

Precision & Efficiency in **Coil Production** are enhanced by this cutting-edge technology, resulting in **Superior Productivity & Significant Cost Savings**. HR coils are offered by Renny in various thicknesses to cater to the diverse application needs of multiple industries.

Top-tier hot rolled coils are produced by the **Fully Automated Mills** and rigorous quality and measurement tests are conducted on each product to ensure compliance with both **Indian & Global Standards**.

Highlights

Renny is a leading HR coil producer in North India.

Manufacturing Prowess

Fully Automated Mills

Automatic Gauge Control (AGC) technology

Specially Designed Bloom- 250x150 mm & 300x150 mm sizes

Rigorous Quality Tests

Products Efficiency

Exceptional Surface Finish

Compliance with IS: 2062 standards.

Precision & Efficiency

Tailored Thicknesses for various Industries

Exceptional Quality & Cost-Effectiveness for Industrial Applications.



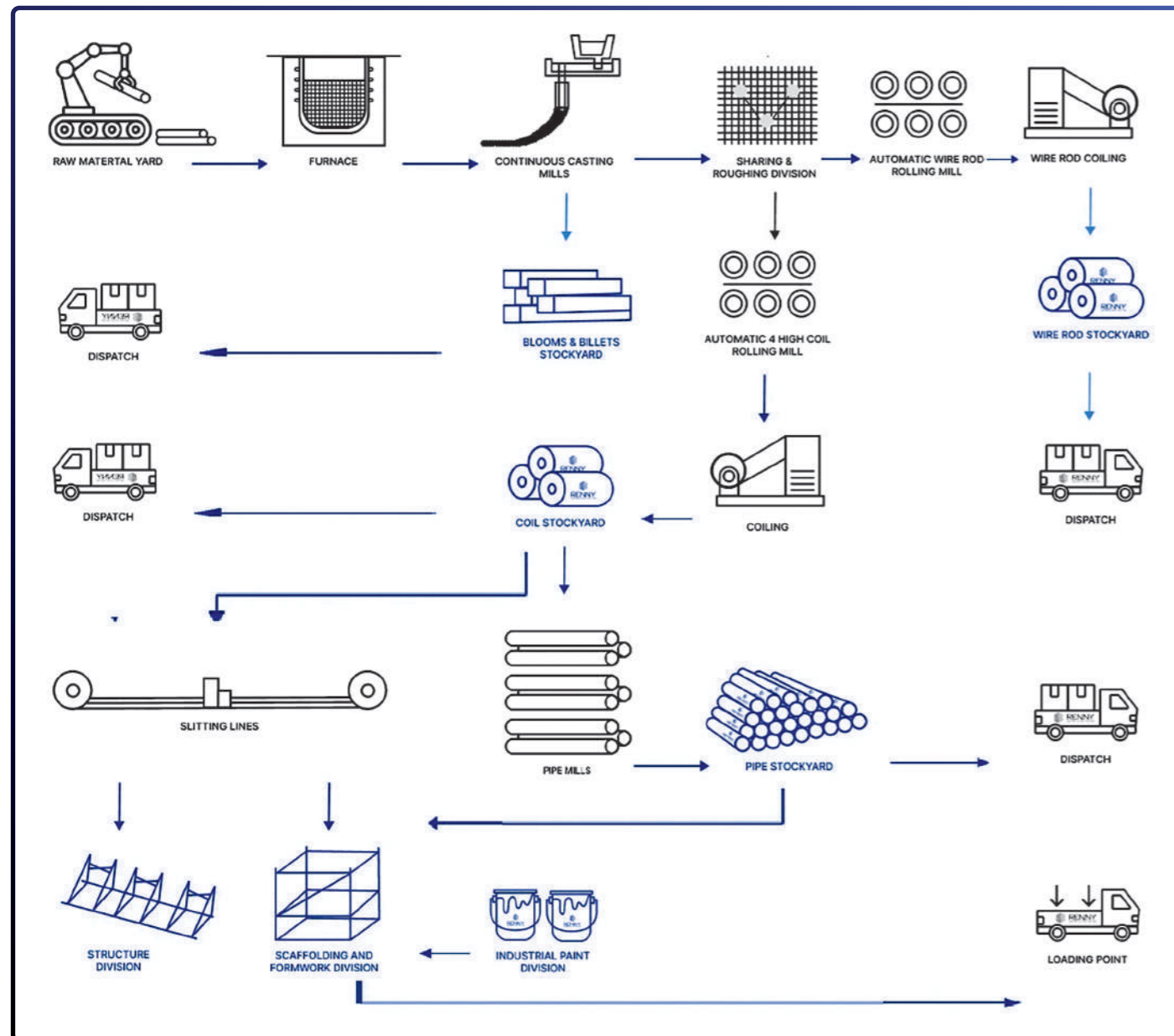
SHAPING A SUSTAINABLE FUTURE WITH GREEN STEEL

Renny, a pioneer in **Green Steel Manufacturing**, is dedicated to advancing sustainability through the principles of **Reduce, Reuse and Recycle**. By reducing **Carbon Emissions by 1.6 tons** per ton of steel produced and deploying a **22 MW Solar Energy Plant**, Renny significantly lowers its Carbon Footprints. The company has achieved a **75% reduction in Energy Consumption**, cut **Greenhouse Gas Emissions by 86%**, and controls **70% of Water Contamination** through conservation and treatment efforts. Additionally, Renny promotes a **Circular Economy** through effective **Waste Management** and enhances environmental sustainability by expanding **Green Cover** in collaboration with the Department of Forest, Punjab and the National Highway Authority.

Innovation and R&D

Renny Industries is transforming the structural steel market through cutting-edge innovation, replacing traditional materials like wood with advanced steel solutions. Their extensive products continuously replace critical components such as channels, angles, beams and setting new industry standards. With over 1,000 SKUs and more than 10 research programs focusing on corrosion resistance, durability, bendability, weldability and fatigue resistance, Renny elevates product performance and longevity. The state-of-the-art facilities and R&D centers are dedicated to pioneering sustainable manufacturing practices aligned with UN SDGs.

SUSTAINABLE MANUFACTURING



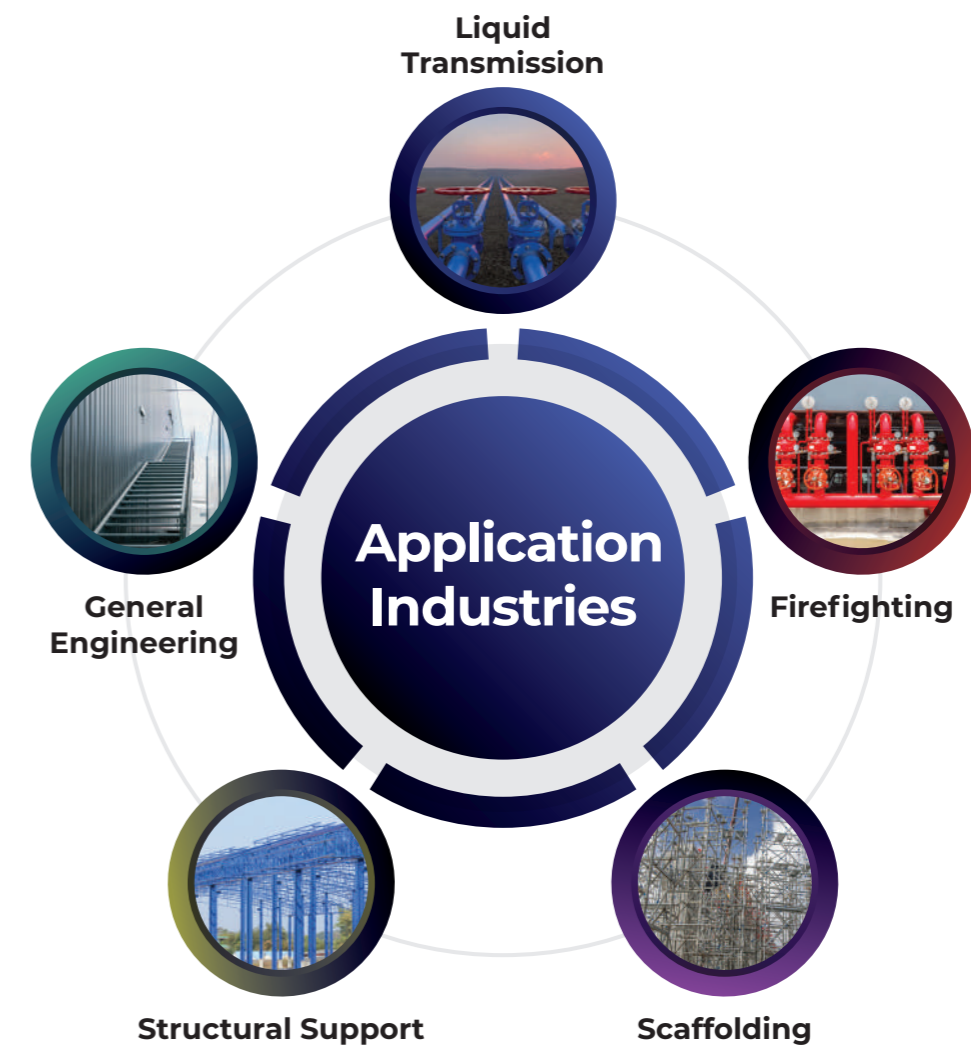
RENNY BOLD

Renny produces **Renny Bold** in **Black Round Pipe** Range, using HR coils tied with advanced manufacturing techniques, ensuring exceptional durability and strength that meet industry standards. These pipes are designed for superior performance and longevity, catering to a wide array of industrial applications. Known for their ease of **Welding**, **Renny Bold** pipes are available in **33 OD to 127 OD (mm)** with **thickness 1.4mm to 5.5mm** & maintain the standard of **IS:1239:2004(Part-1) &1161:2014, 3601:2006**.

The versatility of **Renny Bold** range makes these pipes suitable for multiple applications, including **Liquid Transmission, Firefighting, Scaffolding, Structural Applications & General Engineering**. With exceptional strength, these pipes can withstand heavy load, stress and external influences, making them perfect for demanding fabrication projects. Their robust construction ensures the stability and safety of structures, providing long-term reliability.



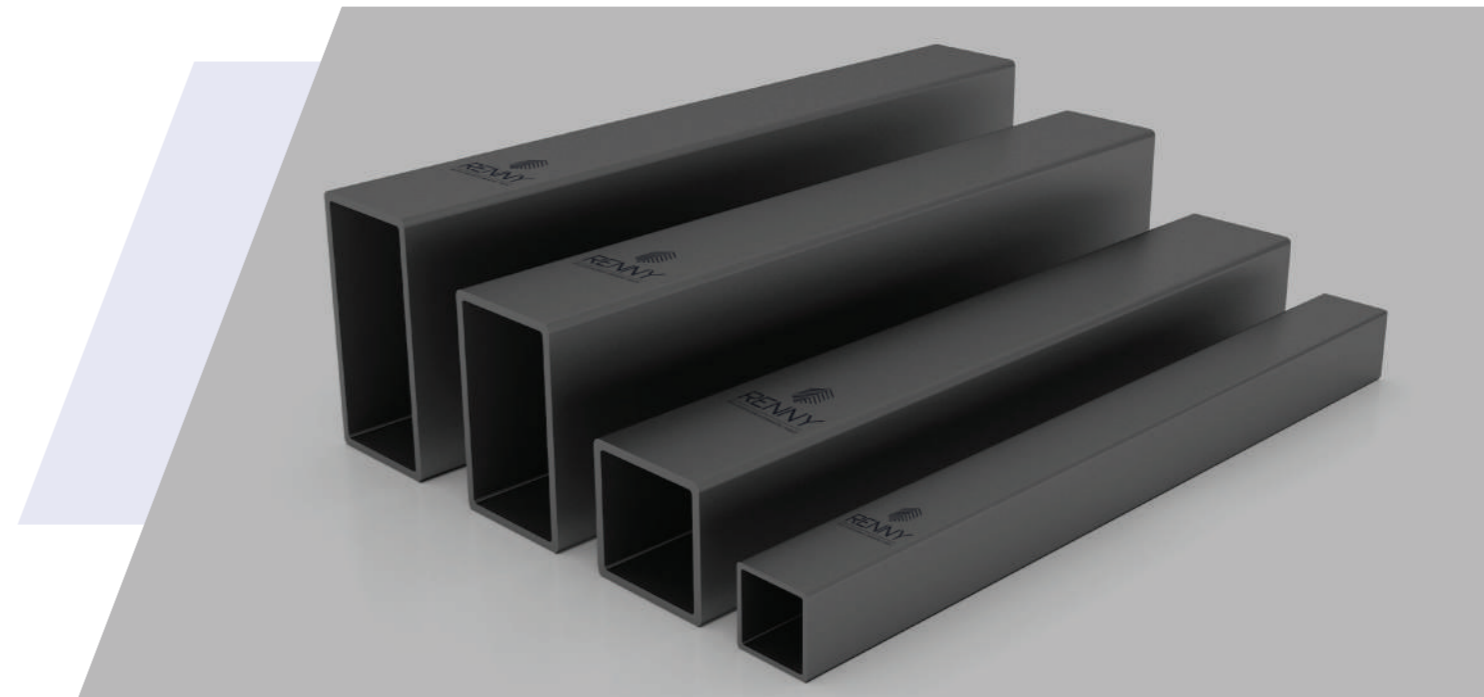
Highlights
High quality HR coils used for Durability & Strength.
Designed for superior Performance & Longevity.
Easy Welding Capabilities.
Available in OD sizes from 33 OD to 127 OD (mm)
Thickness from 1.4mm to 5.5mm
Maintaining the standard of IS:1239: 2004, 1161:2014, 3601:2006



RENNY HERO

Introducing **Renny Hero**, specialized High-Strength Hollow Sections, meeting rigorous manufacturing standards, combining lightweight design with exceptional **Resilience** against **Seismic Forces**. Available in standard & customizable sizes for Square Hollow Section (SHS) 25x25 to 100x100 & Rectangular Hollow Sections (RHS) 40x20 to 122x61 in thickness of 1.4mm to 5.5mm. Renny Hero maintains the standard of IS: 4923:2017 & IS:18573:2024 & offers unmatched **Flexibility, Efficiency & Cost-Effectiveness** in ERW Pipe & Tube Production.

Renny Hero meets diverse industry needs, encompassing **Architectural, Industrial & Infrastructural Applications**. It also supports **General Engineering & Agricultural Sectors**, offering versatile solutions for a wide range of **Applications & Implementations**.



Highlights

High-strength hollow sections for strength against seismic forces

Lightweight design combined with exceptional durability

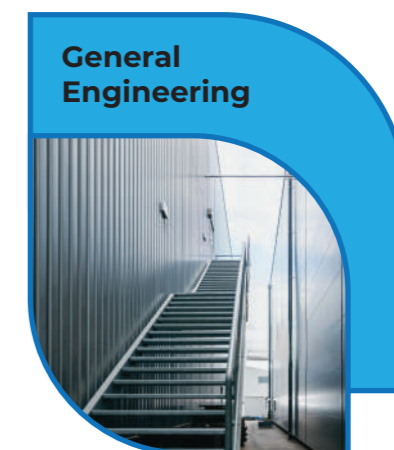
Available in standard and customizable sizes for RHS & SHS

Size Range of **SHS 25x25 to 100 x100 & RHS 40x20 to 122x61 in thickness of 1.4 to 5.5 (mm)**

Grade: **YST 210; YST 240; YST 310; YST 355**

Maintain the standard of **IS: 4923:2017, IS:18573: 2024**

Application Industries



RENNY GUARD

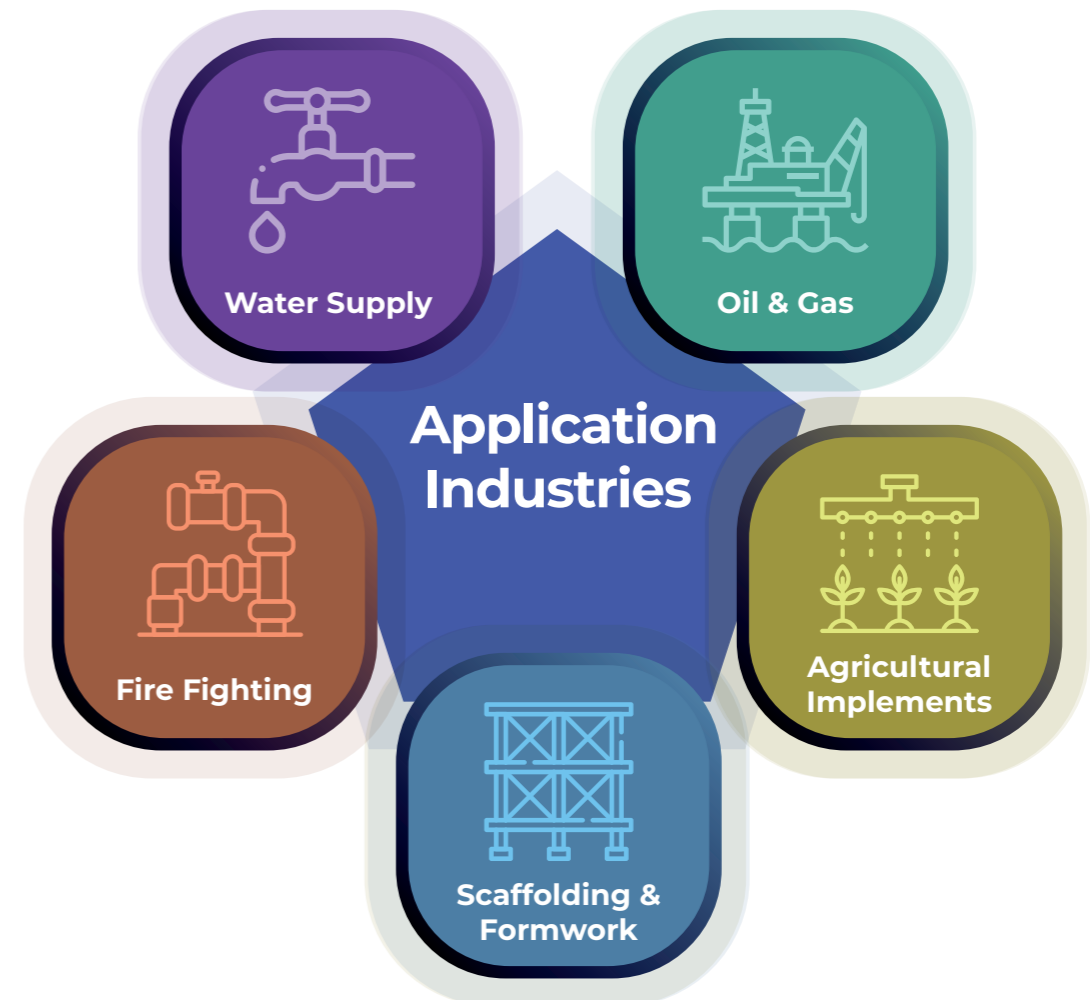
Renny presents **Renny Guard**, a unique range of **GI pipes** crafted from high-performance, raw material. Renny follows the Hot Dip Galvanizing process with the minimum zinc coating of 385 GSM. These pipes offer versatile **Circular, Square & Rectangular Hollow Sections**, perfect for use in highly humid and coastal regions, available in **CHS (33 OD to 127 OD)**, **SHS (25X25 to 100X100)** **RHS (40X20 to 122X61)** with the **Thickness of 1.4mm to 5.5mm**.

Renny Guard Gi Pipes offer **Unbeatable Durability & Structural Excellence**, featuring **Unparalleled Strength** through **Advanced Technology & Strict Industry Standards**. Fully galvanized with zinc, these **Rust-proof Pipes & Tubes** are highly **Resistant to Corrosion**, making them ideal for **Harsh Environments**. Their inherent ability to withstand high temperatures provide a **Natural Barrier against Fires**. The **Termite-Resistant** qualities ensure long-lasting protection against pests. Engineered for diverse structural needs, **Renny Guard** range is the top choice for **Solid Building Foundations & Increased Structural Integrity** across various applications.

Advanced galvanization techniques enhance their corrosion resistance, making the Renny Guard GI range ideal for **Oil & Gas, Firefighting, Irrigation, Infrastructure, Scaffolding & Formwork and Industrial Applications** that demand rigorous Fabrication.



Highlights
GI pipes with minimum 385 GSM Zinc coating
Size Range: CHS 33 OD to 127 OD (mm) SHS 25x25 to 100 x100 & RHS 40x20 to 122x61
Thickness of 1.4mm to 5.5mm
Highly Resistant to Corrosion, perfect for Humid & Coastal Regions
Exceptional Fire Resistance



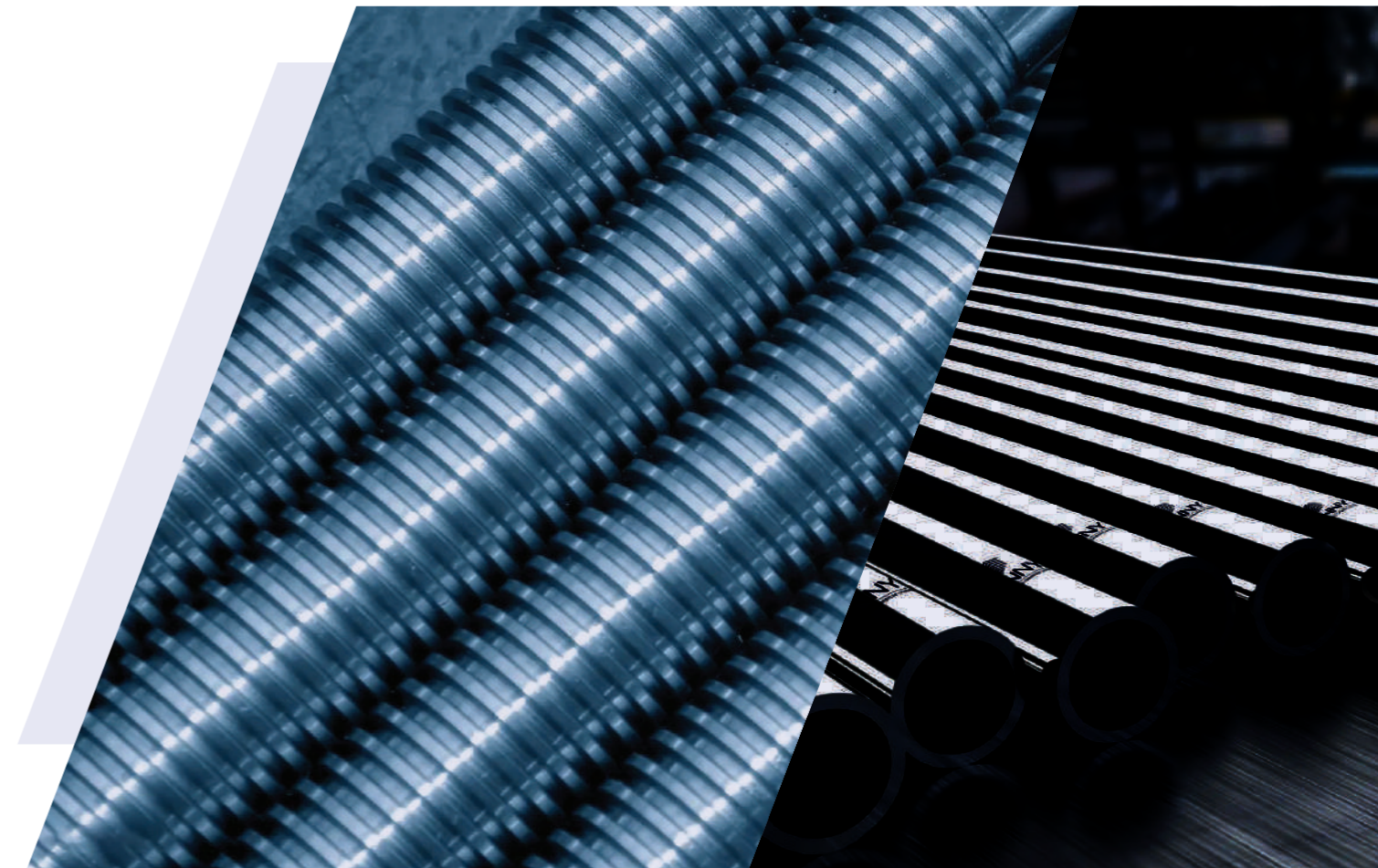
RSP

(RENNY SCAFFOLDING PIPES)

Renny proudly presents RSP, the highest quality round pipes specifically **designed for scaffolding** fabrication. Renny adheres to **bespoke grade specification** to meet customer demands, ensuring superior quality and performance.

RSP is available in two variants, which include **Roll Thread Pass Pipe & Scaffolding Pipe**. The Roll Thread pass pipes are available with smooth threading for easy assembly & enhanced construction efficiency.

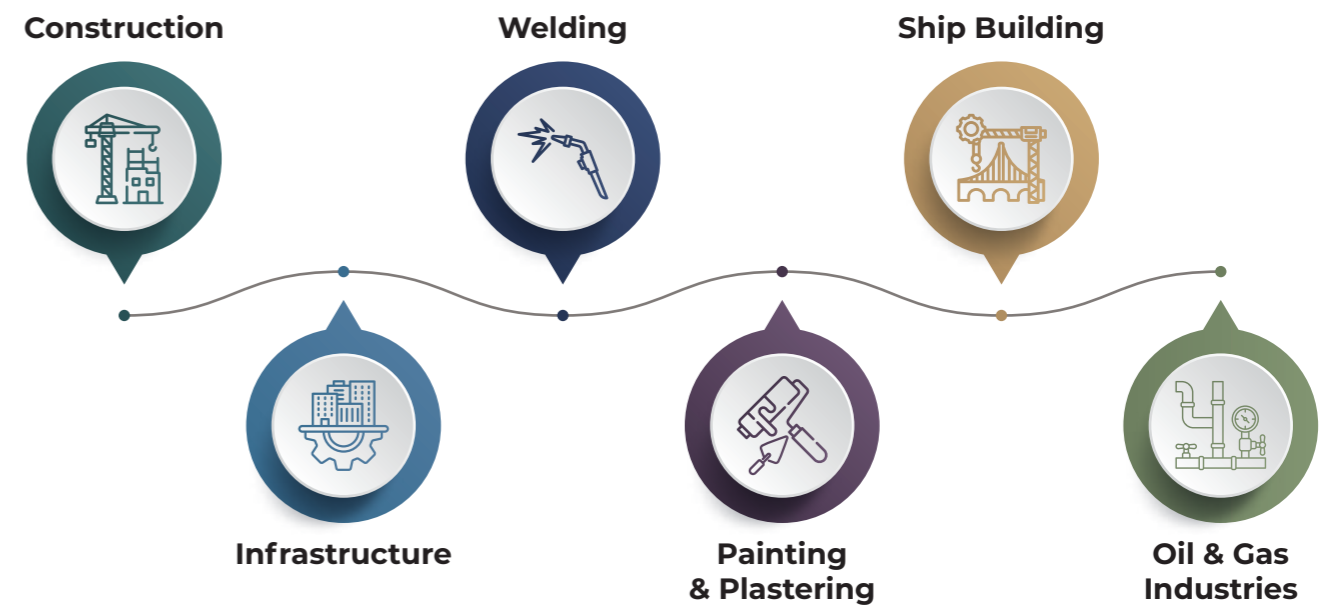
Scaffolding pipes are available in various finishes, including **Black, GI, GP & Color Coated**. These pipes are rolled into various sizes like, **38.1OD, 48.3OD, 60.3OD & 76.1OD (mm)** in different thickness, maintaining International Standard (**BS1139, EN39, EN10219**). RSP comes with specialized products and specific grades as per requirement for versatile construction applications. High production standards and top-notch quality are ensured by Renny's expert team, making RSP a reliable solution for scaffolding needs. RSP caters the applications in **Construction, Infrastructure, Welding, Painting & Plastering, Ship Building, Oil & Gas Industries** etc.



Highlights

Bespoke Grade Specifications
High-Grade Props
Roll Thread Pass Pipes
Advanced Quality Checking with CMM
Customized Sizes
Various Finishes: Black, Gi & Color Coated
Size: 38.1OD, 48.3OD, 60.3OD & 76.1OD (mm)
Grades: S235, S275, S355 & S420
High Production Standards of Scaffolding Pipes (BS1139, EN39, EN 10219)

Application Industries



TECHNICAL DATA OF MS BLACK ROUND TUBES

Specification IS : 1239 (PART -1) 2004-D 2439, DIN 2440, DIN 2441
(Equivalent BS : 1387 : 1985 / En 10255 : 2024 / DIN 2444)

Steel tubes for Structural purposes conforming to IS:1161-2014

N.B. And Series	Outside Diameter		Wall Thickness		Nominal Weight				
	Min	Max	Thickness		Plain End		Screwed & Socketed		
	mm	mm			Kg/m	m/tonne	Kg/m	m/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	819
	H	21.0	21.8	3.2	10	1.44	694	1.45	689
20	L	26.4	26.9	2.3	13	1.38	724	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	534	1.88	532
25	L	33.2	33.8	2.6	12	1.98	505	2.00	500
	M	33.3	34.2	3.2	10	2.41	415	2.43	411.5
	H	33.3	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	3.10	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	5.71	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	9.90	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	12.20	82	12.50	80
	H	113.1	115.0	5.4	5	14.50	69	14.80	67.5

Thickness & Mass are applicable for Black & Galvanised Steel Tubes as per clause 8.1.1 of IS : 1239 (Part-1) 2004
This specification conforms to CE Mark conferred by Det Norske Veritas, Netherlands.

TOLERANCE

A - Thickness	Tolerance	B-Weight	Tolerance	Length Tolerance
1. Light Tubes	=+ not limited -8%	1. Single Tube (Light Series)	0.02	Unless otherwise
2. Medium & Heavy Tubes	=+ not limited -10%	2. Single Tube (Medium & Heavy Series)	±10%	Specified 4 to 7 mtrs.
		3. For quantities per load of 10 tonnes minimum (Light Series)	0.025	Can also be supplied in
		4. For quantities per load of 10 tonnes minimum (Medium and Heavy Series)	±7.5%	Fix Lengths ±5cm.

N.B.	OD	Thk	Mass	Area of Cross-Section	Internal Volume	Surface		Moment of Inertia	Modulus of Section	Radius of Gyration	Square of Radius of Gyration
						External cm ² /m (7)	External cm ³ /m (8)				
mm (1)	mm (2)	mm (3)	kg/m (4)	cm ² (5)	cm ³ /m (6)	cm ² /m (7)	cm ³ /m (8)	cm ² /m (9)	cm ³ /m (10)	cm (11)	cm ² (12)
15	21.3	2.0	0.952	1.21	235	669	543	0.57	0.54	0.69	0.47
	21.3	2.6	1.20	1.53	204	669	506	0.68	0.64	0.67	0.45
	21.3	3.2	1.43	1.82	174	669	468	0.77	0.72	0.65	0.42
20	26.9	2.3	1.40	1.78	391	845	701	1.36	1.01	0.87	0.76
	26.9	2.6	1.56	1.98	370	845	682	1.48	1.10	0.86	0.75
	26.9	3.2	1.87	2.38	330	845	644	1.70	1.27	0.85	0.71
25	33.7	2.6	1.99	2.54	638	11159	895	3.09	1.84	1.10	1.22
	33.7	3.2	2.41	3.07	585	1059	858	3.60	2.14	1.08	1.18
	33.7	4.0	2.93	3.73	519	1059	807	4.19	2.49	1.06	1.12
32	42.4	2.6	2.55	3.25	1087	1332	1169	6.46	3.05	1.41	1.99
	42.4	3.2	3.00	3.94	1018	1332	1131	7.62	3.59	1.39	1.93
	42.4	4.0	3.79	4.83	929	1332	1081	8.99	4.24	1.36	1.86
40	48.3	2.9	3.25	4.14	1419	1517	1335	10.70	4.43	1.61	2.59
	48.3	3.2	3.56	4.53	1379	1517	1316	11.59	4.80	1.60	2.56
	48.3	4.0	4.37	5.57	1276	1517	1266	13.77	5.70	1.57	2.47
50	60.3	2.9	4.11	5.23	2333	1894	1712	21.59	7.16	2.03	4.13
	60.3	3.6	5.03	6.41	2215	1894	1668	25.87	8.58	2.01	4.03
	60.3	4.5	6.19	7.89	2067	1894	1612	30.90	10.25	1.98	3.92
65	76.1	2.9	5.24	6.67	3882	2391	2209	44.74	11.76	2.59	6.71
	76.1	3.6	6.44	8.20	3728	2391	2165	54.01	14.19	2.57	6.59
	76.1	4.5	7.95	10.12	3536	2391	2108	65.12	17.11	2.54	6.43
80	88.9	3.2	6.76	8.62	5346	2793	2592	79.21	17.82	3.03	9.19
	88.9	4.0	8.38	10.67	5140	2793	2542	96.34	21.67	3.00	9.03
	88.9	4.8	9.96	12.68	4939	2793	2491	112.49	25.31	2.98	8.87
90	101.6	3.6	8.70	11.08	6999	3192	2966	133.24	26.23	3.47	12.02
	101.6	4.0	9.63	12.26	6881	3192	2941	146.28	28.8	3.45	11.93
	101.6	4.8	11.46	14.60	6648	3192	2890	171.39	33.74	3.43	11.74
100	114.3	3.6	9.83	12.52	9009	3591	3365	191.98	33.59	4.33	15.33
	114.3	4.5	12.19	15.52	8709	3591	3308	234.32	41.00	4.32	15.10
	114.3	5.4	14.5	18.47	8413	3591	3252	274.54	48.04	4.3	14.86
110	127	4.5	13.59	17.32	10936	3990	3707	325.29	51.23	4.33	18.78
	127	4.8	14.47	18.43	10825	3990	3688	344.50	54.25	4.32	18.69
	127	5.4	16.19	20.63	10605	3990	3651	382.04	60.16	4.3	18.52

Tensile Properties

Grade	Y.S. (min) Mpa	T.S. (min) Mpa	% age Elongation on
YST- 210	210	330	20
YST- 240	240	410	17
YST- 310	310	450	14
YST- 355	355	490	10

Weight

Single Tube
10 ton lot

Tolerance

±10%
±7.5%

Tolerance

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

Thickness

For all size
Welded tubes

Tolerance

±10%
±10%

Scaffolding Tubes

Size		Thickness		Ovality		Weight	
Inches	mm	Inches	mm	Inches	Size	Inches	mm
1½	48.3	0.126	3.2	0.02	0.5	2.392	3.56
1½	48.3	0.157	4.0	0.02	0.5	2.937	4.37

Tolerance

Outside Diameter

0.5

Thickness

±/-10%

Weight

±7.5% On Single Tube

STEEL GRADE : S235JRH

MECHANICAL PROPERTIES

YIELD STRENGTH : 235 MPA MIN
TENSILE STRENGTH : 340 / 520 MPA

CHEMICAL COMPOSITION

CARBON : 0.20% Max
SILICON : 0.05% Max
MANGANESE : 0.40% Max
PHOSPHOROUS : 0.40% Max
SULPHUR : 0.45% Max
ALUMINIUM : 0.02% Max

END FINISH : SQUARE CUT
STRAIGHTNESS : 1MM IN 600MM
FLATTENING TEST : TWO STAGES FLATTEN UP TO 75% OF TUBE DIA FOR WELD
FLATTEN UPTO 60° OF TUBE DIA FOR MATERIAL BEND TEST

ALSO AVAILABLE

ZINC COATING : 45 MICRONS MINIMUM OUTSIDE

MARKING : EN 39 RENNY-3.2/4.0
DELIVERY CONDITION : a) AS ROLLED CONDITION (WITHOUT PROTECTION)
b) HOT DIP GALVANISED

Technical data of IS: 3601 2006 Tubes for Mechanical & General Engg. Purpose

N.B size		Approx O.D (mm)	Thicknes mm	Wt.kg / mtr	Meters per tonnes
mm	in				
15	½"	21.3	1.8	0.86	1155
			2.0	0.95	1050
			2.6	1.20	833
			3.2	1.43	699
			4.0	1.71	585
20	¾"	26.9	1.8	1.11	901
			2.0	1.23	813
			2.3	1.40	714
			2.6	1.56	641
			3.2	1.87	535
25	1"	33.7	4.0	2.26	442
			2.0	1.56	641
			2.3	1.78	562
			2.6	1.99	503
			3.2	2.41	415
32	1.25"	42.4	4.0	2.93	341
			4.5	3.24	309
			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
			2.3	2.61	383
40	1.5"	48.3	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	5.90	170
			5.9	6.16	162
			2.3	3.29	304
			2.6	3.70	270
50	2"	60.3	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
			2.6	5.24	191
			3.2	5.75	174
65	2.5"	76.1	3.6	6.44	155
			4.0	7.11	141
			4.5	7.95	126
			5.0	8.77	114
			5.4	9.42	106
			6.3	10.80	93
			7.1	12.10	83
80	3"	88.9	2.9	6.15	163
			3.2	6.76	148
			4.0	8.38	119
			5.0	10.30	97
			5.4	11.10	90
			5.6	11.50	87
			6.3	12.80	78

Grade: ERW-WP- 100

Technical Data of Pipes Conforming to ASTM A-53 Gr. A&B Sch. 20/40/80

Nominal Bore		Outside Diameter		Schedule	Wall Thickness		Weight of Pipes Plain End		No. of Pcs per Bundle
mm	Inch	mm	Inch		mm	Inch	Kg/Mtr.	Lbs/Ft	
15	½"	21.3	0.84	40	2.77	0.109	1.27	0.85	120
			80	3.73	0.147	1.62	1.09		
20	¾"	26.7	1.05	40	2.87	0.113	1.69	1.13	90
			80	3.91	0.154	2.2	1.48		
25	1"	33.4	1.315	40	3.38	0.133	2.5	1.68	60
			80	4.55	0.179	3.24	2.17		
32	1 ¼"	42.2	1.66	40	3.56	0.14	3.39	2.27	42
			80	4.85	0.191	4.47	3		
40	1 ½"	48.3	1.9	40	3.68	0.145	4.05	2.72	36
			80	5.08	0.2	5.41	3.63		
50	2"	60.3	2.375	40	3.91	0.154	5.44	3.66	26
			80	5.54	0.218	7.48	5.03		
65	2 ½"	73	2.875	40	5.16	0.203	8.63	5.8	18
			80	7.01	0.276	11.41	7.67		
80	3"	88.9	3.5	40	5.49	0.216	11.29	7.58	14
			80	7.62	0.3	15.27	10.26		
90	3 ½"	101.6	4	40	5.74	0.226	13.57	9.12	12
			80	8.08	0.318	18.63	12.52		
100	4"	114.3	4.5	40	6.02	0.237	16.07	10.8	10
			80	8.56	0.337	22.32	15		
125	5"	141.3	5.56	40	6.55	0.258	21.77	14.63	8

	Chemical Properties					Composition, Max%				
	Carbon	Manganese	Phosphorus	Sulphur	Copper	Nickel	Chromium A	Molybdeneum A	Vanadium A	
Grade A	0.25	0.95	0.05	0.045	0.4	0.4	0.4	0.15	0.08	
				80	3.37	0.147	1.62	1.09	20230	
Grade B	0.3	1.2	0.05	0.045	0.4	0.4	0.4	0.15	0.08	

Tolerance

Outside Diameter	Pipe Size upto & including Dn40 Pipe Size DN 50 or longer	±0.4mm +1-1% Thickness -12.5max Weight ±10%
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Mechanical Properties

	Grade A	Grade B
Yield Strength	205Mpa(min)	240Mpa(min)
Tensile Strength	330Mpa(min)	415Mpa(min)
Elongation%	As per ATSM A-%53 table 4.1 4.2	

*This specification conform to UL certification conferred by underwriters laboratories, USA.

ASTM A-135 GRADE A&B (Black and Galvanised Steel Pipe)

Nominal Bore		Outside Diameter		SCH-10				No. of Pcs per Bundle
mm	Inch	mm	Inch	Wall Thickness		Weight Plain End		
				mm	Inch	Kg/Mtr.	Lbs/Ft	
20	¾	26.7	1.050	2.11	0.083	1.28	0.96	90
25	1	33.4	1.315	2.77	0.109	2.09	1.41	90
32	1¼	42.2	1.66	2.77	0.109	2.69	1.81	61
40	1½	48.3	1.900	2.77	0.109	3.11	2.09	61
50	2	60.3	2.375	2.77	0.109	3.93	2.64	37
65	2½	73.0	2.875	3.05	0.120	5.26	3.53	29
80	3	88.9	3.500	3.05	0.120	6.46	4.34	24
90	3½	101.6	4.000	3.05	0.120	7.41	4.98	21
100	4	114.3	4.500	3.05	0.120	8.37	5.62	19
125	5	141.3	5.563	3.40	0.134	11.58	7.78	14

Square Hollow Section (SHS)

Size/Thk	1.6	1.8	2.0	2.3	2.6	2.9	3.2	3.6	4.0	4.5	5.0
25x25											
30x30											
38x38											
50x50											
60x60											
72x72											
80x80											
91x91											
100x100											

Tolerance

Outside Diameter	Pipe Size upto & including Dn40 Pipe Size DN 50 or longer	+ 1-0.4mm +1=1% Thickness -12.5(max) Weight +10%
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	Mechanical Properties		Chemical Properties				
	Grade A	Grade B		Carbon	Manganese	Phosphorus	Sulphur
Yield Strength	205Mpa(min)	240Mpa(min)	Grade A	0.25	0.05	0.035	0.35
Tensile Strength	330Mpa(min)	415Mpa(min)	Grade B	0.30	1.20	0.35	0.35
Elongation %	35	30					

Galvanising

Minimum	0.49 0kg/Sq Mtr
Average	0.550kg/Sq Mtr

Rectangular Hollow Section (RHS)

Size/Thk	1.6	1.8	2.0	2.3	2.6	2.9	3.2	3.6	4.0	4.5	5.0
40X20											
50X25											
60X40											
75X25											
80X40											
96X48											
122X61											

SQUARE HOLLOW SECTION (SHS) IS : 4923 : 1997/EN 10219-1 : 2006*/ASTM A-500

Dimension	Weight	Area	Moment of Inertia		Radius of Gyration		Elastic Modulus		Plastic Modulus		Torsional Constants	
			IXX	IYY	RXX	RYY	ZXX	ZYY	SXX	SYX	J	C
mm	kg/m	cm ²	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³	cm ⁴	cm ³
25X25X1.6	1.12	1.43	1.28	1.28	0.95	0.95	1.03	1.03	1.24	1.24	2.05	1.46
25X25X1.8	1.25	1.59	1.38	1.38	0.93	0.93	1.11	1.11	1.35	1.35	2.2	1.56
25X25X2.0	1.37	1.74	1.48	1.48	0.92	0.92	1.19	1.19	1.47	1.47	2.32	1.64
25X25X2.2	1.48	1.88	1.57	1.57	0.91	0.91	1.26	1.26	1.57	1.57	2.4	1.7
25X25X2.6	1.7	2.16	1.72	1.72	0.89	0.89	1.38	1.38	1.76	1.76	2.47	1.76
25X25X2.9	1.84	2.35	1.81	1.81	0.88	0.88	1.45	1.45	1.88	1.88	2.41	1.75
30X30X1.6	1.37	1.75	2.31	2.31	1.15	1.15	1.54	1.54	1.84	1.84	3.73	2.24
30X30X1.8	1.53	1.95	2.52	2.52	1.14	1.14	1.68	1.68	2.03	2.03	4.06	2.42
30X30X2.0	1.68	2.14	2.72	2.72	1.13	1.13	1.82	1.82	2.21	2.21	4.35	2.59
30X30X2.2	1.82	2.32	2.91	2.91	1.12	1.12	1.94	1.94	2.37	2.37	4.6	2.72
30X30X2.6	2.1	2.68	3.23	3.23	1.1	1.1	2.16	2.16	2.68	2.68	4.96	2.93
30X30X2.9	2.3	2.93	3.44	3.44	1.08	1.08	2.3	2.3	2.89	2.89	5.09	3.02
30X30X3.2	2.49	3.17	3.62	3.62	1.07	1.07	2.42	2.42	3.08	3.08	5.1	3.05
38X38X1.6	1.77	2.26	4.92	4.92	1.48	1.48	2.59	2.59	3.06	3.06	7.93	3.82
38X38X2.0	2.18	2.78	5.88	5.88	1.45	1.45	3.1	3.1	3.7	3.7	9.49	4.51
38X38X2.2	2.38	3.03	6.32	6.32	1.44	1.44	3.33	3.33	4	4	10.19	4.81
38X38X2.6	2.76	3.51	7.14	7.14	1.43	1.43	3.76	3.76	4.57	4.57	11.39	5.33
38X38X2.9	3.03	3.86	7.68	7.68	1.41	1.41	4.05	4.05	4.97	4.97	12.1	5.65
38X38X3.2	3.29	4.19	8.18	8.18	1.4	1.4	4.31	4.31	5.34	5.34	12.64	5.89
38X38X3.6	3.63	4.62	8.76	8.76	1.38	1.38	4.62	4.62	5.8	5.8	13.07	6.1
50X50X1.6	2.38	3.03	11.71	11.71	1.97	1.97	4.69	4.69	5.46	5.46	18.68	6.95
50X50X1.8	2.66	3.39	12.95	12.95	1.95	1.95	5.18	5.18	6.07	6.07	20.76	7.67
50X50X2.0	2.94	3.74	14.15	14.15	1.95	1.95	5.66	5.66	6.66	6.66	22.75	8.35
50X50X2.2	3.2	4.08	15.3	15.3	1.94	1.94	6.12	6.12	7.24	7.24	24.66	9
50X50X2.6	3.74	4.76	17.47	17.47	1.92	1.92	6.99	6.99	8.34	8.34	28.19	10.18
50X50X2.9	4.12	5.25	18.98	18.98	1.9	1.9	7.6	7.6	9.13	9.13	30.58	10.98
50X50X3.2	4.5	5.73	20.4	20.4	1.89	1.89	8.16	8.16	9.89	9.89	32.72	11.68
50X50X3.6	4.98	6.35	22.15	22.15	1.87	1.87	8.86	8.86	10.84	10.84	35.16	12.49
50X50X4.0	5.46	6.95	23.74	23.74	1.85	1.85	9.5	9.5	11.73	11.73	37.09	13.14
50X50X4.5	6.02	7.67	25.5	25.5	1.82	1.82	10.2	10.2	12.76	12.76	38.72	13.72
50X50X5.0	6.56	8.36	27.04	27.04	1.8	1.8	10.82	10.82	13.7	13.7	39.43	14.04
60X60X2.0	3.56	4.54	25.14	25.14	2.35	2.35	8.38	8.38	9.79	9.79	40.19	12.44
60X60X2.2	3.89	4.96	27.27	27.27	2.34	2.34	9.09	9.09	10.66	10.66	43.74	13.46
60X60X2.6	4.55	5.8	31.33	31.33	2.32	2.32	10.45	10.45	12.34	12.34	50.48	15.37
60X60X2.9	5.03	6.41	34.21	34.21	2.31	2.31	11.41	11.41	13.56	13.56	55.2	16.69
60X60X3.2	5.5	7.01	36.94	36.94	2.3	2.3	12.32	12.32	14.73	14.73	59.61	17.92

SQUARE HOLLOW SECTION (SHS) IS : 4923 : 1997/EN 10219-1 : 2006*/ASTM A-500

Dimension	Weight	Area	Moment of Inertia		Radius of Gyration		Elastic Modulus		Plastic Modulus		Torsional Constants	
			IXX	IYY	RXX	RYY	ZXX	ZYY	SXX	SYX	J	C
mm	kg/m	cm ²	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³	cm ⁴	cm ³
60X60X3.6	6.12	7.79	40.37	40.37	2.28	2.28	13.46	13.46	16.22	16.22	64.96	19.39
60X60X4.0	6.71	8.55	43.55	43.55	2.26	2.26	14.52	14.52	17.64	17.64	69.66	20.68
60X60X4.5	7.43	9.47	47.2	47.2	2.23	2.23	15.74	15.74	19.32	19.32	74.54	22.04
60X60X5.0	8.13	10.36	50.49	50.49	2.21	2.21	16.83	16.83	20.88	20.88	78.24	23.09
72X72X2.0	4.32	5.5	44.46	44.46	2.84	2.84	12.35	12.35	14.34	14.34	70.6	18.39
72X72X2.2	4.73	6.02	48.35	48.35	2.83	2.83	13.44	13.44	15.64	15.64	77.05	19.96
72X72X2.6	5.53	7.04	55.82	55.82	2.82	2.82	15.51	15.51	18.17	18.17	89.49	22.96
72X72X2.9	6.12	7.8	61.18	61.18	2.8	2.8	17	17	20.01	20.01	98.39	25.08
72X72X3.2	6.7	8.54	66.32	66.32	2.79	2.79	18.43	18.43	21.8	21.8	106.9	27.08
72X72X3.6	7.47	9.52	72.86	72.86	2.77	2.77	20.24	20.24	24.11	24.11	117.58	29.57
72X72X4.0	8.22	10.47	79.03	79.03	2.75	2.75	21.96	21.96	26.32	26.32	127.44	31.84
72X72X4.5	9.13	11.63	86.24	86.24	2.72	2.72	23.96	23.96	28.97	28.97	138.51	34.38
72X72X5.0	10.02	12.76	92.91	92.91	2.7	2.7	25.81	25.81	31.47	31.47	148.08	36.58
80X80X2.0	4.82	6.14	61.7	61.7	3.17	3.17	15.43	15.43	17.85	17.85	97.58	23
80X80X2.6	6.19	7.88	77.75	77.75	3.14	3.14	19.44	19.44	22.68	22.68	124.17	28.86
80X80X2.9	6.85	8.73	85.36	85.36	3.13	3.13	21.34	21.34	25.02	25.02	136.85	31.6
80X80X3.2	7.51	9.57	92.71	92.71	3.11	3.11	23.18	23.18	27.29	27.29	149.08	34.21
80X80X3.6	8.38	10.67	102.11	102.11	3.09	3.09	25.53	25.53	30.23	30.23	164.62	37.5
80X80X4.0	9.22	11.75	111.04	111.04	3.07	3.07	27.76	27.76	33.07	33.07	179.21	40.56
80X80X4.5	10.26	13.07	121.58	121.58	3.05	3.05	30.4	30.4	36.48	36.48	196.03	44.05
80X80X5.0	11.27	14.36	131.44	131.44	3.03	3.03	32.86	32.86	39.74	39.74	211.11	47.16
91X91X2.6	7.08	9.02	116.32	116.32	3.59	3.59	25.57	25.57	29.7	29.7	184.89	38.05
91X91X2.9	7.85	10	127.97	127.97	3.58	3.58	28.13	28.13	32.8	32.8	204.24	41.77
91X91X3.6	9.62	12.25	153.8	153.8	3.54	3.54	33.81	33.81	39.78	39.78	247.23	49.92
91X91X4.0	10.61	13.51	167.73	167.73	3.52	3.52	36.87	36.87	43.6	43.6	270.29	54.21
91X91X4.5	11.81	15.05	184.3	184.3	3.5	3.5	40.51	40.51	48.22	48.22	297.43	59.22
91X91X5.0	13	16.56	199.97	199.97	3.47	3.47	43.95	43.95	52.66	52.66	322.54	63.81
100X100X2.0	6.08	7.74	123.01	123.01	3.99	3.99	24.61	24.61	28.3	28.3	192.95	36.76
100X100X2.6	7.82	9.96	156.01	156.01	3.96	3.96	31.21	31.21	36.15	36.15	247.1	46.5
100X100X2.9	8.67	11.05	171.86	171.86	3.94	3.94	34.38	34.38	39.95	39.95	273.33	51.14
100X100X3.2	9.52	12.13	187.28	187.28	3.93	3.93	37.46	37.46	43.69	43.69	298.95	55.63
100X100X3.6	10.64	13.55	207.19	207.19	3.91	3.91	41.44	41.44	48.56	48.56	332.08	61.37
100X100X4.0	11.74	14.95	226.35	226.35	3.89	3.89	45.27	45.27	53.3	53.3	363.96	66.82
100X100X4.5	13.09	16.67	249.29	249.29	3.87	3.87	49.86	49.86	59.04	59.04	401.89	73.25
100X100X5.0	14.41	18.36	271.1	271.1	3.84	3.84	54.22	54.22	64.59	64.59	437.53	79.22

RECTANGULAR HOLLOW SECTION (RHS)
IS : 4923 : 1997/EN 10219-1 : 2006*/ASTM A-500

Dimension	Weight	Area	Moment of Inertia				Elastic Modulus		Plastic Modulus		Torsional Constants	
			IXX	IYY	RXX	RYY	ZXX	ZYY	SXX	SYX	J	C
mm	kg/m	cm ²	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³	cm ⁴	cm ³
40X20X1.6	1.37	1.75	3.43	1.15	1.4	0.81	1.72	1.15	2.18	1.34	2.83	1.92
40X20X1.8	1.53	1.95	3.75	1.25	1.39	0.8	1.88	1.25	2.4	1.47	3.06	2.07
40X20X2.0	1.68	2.14	4.05	1.34	1.38	0.79	2.03	1.34	2.61	1.6	3.25	2.19
40X20X2.5	2.03	2.59	4.69	1.54	1.35	0.77	2.35	1.54	3.09	1.88	3.55	2.4
50X25X1.6	1.75	2.23	7.02	2.37	1.77	1.03	2.81	1.9	3.53	2.17	5.83	3.21
50X25X2.0	2.15	2.74	8.38	2.81	1.75	1.01	3.36	2.25	4.26	2.62	6.9	3.76
50X25X2.5	2.62	3.34	9.89	3.28	1.72	0.99	3.96	2.63	5.11	3.12	7.93	4.29
50X25X2.9	2.98	3.8	10.93	3.6	1.7	0.97	4.38	2.88	5.72	3.48	8.48	4.58
50X25X3.2	3.24	4.13	11.63	3.8	1.68	0.96	4.66	3.04	6.14	3.73	8.72	4.72
60X40X1.6	2.38	3.03	15.22	8.16	2.24	1.64	5.08	4.08	6.12	4.64	17.1	6.63
60X40X2.0	2.94	3.74	18.41	9.83	2.22	1.62	6.14	4.92	7.47	5.65	20.77	7.96
60X40X2.5	3.6	4.59	22.07	11.74	2.19	1.6	7.36	5.87	9.06	6.84	24.89	9.41
60X40X2.9	4.12	5.25	24.74	13.11	2.17	1.58	8.25	6.56	10.25	7.73	27.76	10.41
60X40X3.2	4.5	5.73	26.61	14.07	2.15	1.57	8.87	7.04	11.09	8.36	29.63	11.05
60X40X3.6	4.98	6.35	28.9	15.23	2.13	1.55	9.64	7.62	12.16	9.15	31.72	11.79
75X25X1.6	2.38	3.03	19.74	3.47	2.55	1.07	5.27	2.78	6.81	3.11	9.94	4.97
75X25X2.0	2.94	3.74	23.84	4.14	2.52	1.05	6.36	3.32	8.31	3.77	11.88	5.88
75X25X2.5	3.6	4.59	28.52	4.87	2.49	1.03	7.61	3.9	10.06	4.53	13.91	6.82
75X25X2.9	4.12	5.25	31.91	5.38	2.47	1.01	8.51	4.31	11.37	5.08	15.17	7.42
75X25X3.2	4.5	5.73	34.26	5.72	2.45	1	9.14	4.58	12.3	5.47	15.9	7.78
80X40X1.6	2.88	3.67	30.71	10.52	2.89	1.69	7.68	5.26	9.47	5.87	25.48	8.99
80X40X1.8	3.23	4.11	34.08	11.64	2.88	1.68	8.52	5.82	10.55	6.53	28.33	9.94
80X40X2.0	3.56	4.54	37.36	12.72	2.87	1.67	9.34	6.36	11.61	7.17	31.08	10.84
80X40X2.5	4.39	5.59	45.11	15.26	2.84	1.65	11.28	7.63	14.15	8.72	37.49	12.92
80X40X2.9	5.03	6.41	50.87	17.11	2.82	1.63	12.72	8.56	16.07	9.88	42.09	14.4
80X40X3.2	5.5	7.01	54.94	18.41	2.8	1.62	13.74	9.21	17.46	10.72	45.21	15.39
80X40X3.6	6.12	7.79	60.05	20.02	2.78	1.6	15.02	10.01	19.23	11.77	48.88	16.56
80X40X4.0	6.71	8.55	64.79	21.49	2.75	1.59	16.2	10.75	20.91	12.77	51.97	17.55
80X40X5.0	8.13	10.36	75.11	24.59	2.69	1.54	18.78	12.3	24.74	15.02	56.85	19.22
96X48X1.6	3.49	4.44	54.03	18.57	3.49	2.05	11.26	7.74	13.82	8.58	44.69	13.26
96X48X2.0	4.32	5.5	66.04	22.59	3.47	2.03	13.76	9.42	17	10.52	54.83	16.09
96X48X2.5	5.33	6.79	80.23	27.29	3.44	2	16.72	11.38	20.81	12.85	66.75	19.37
96X48X2.9	6.12	7.8	90.94	30.79	3.41	1.99	18.95	12.83	23.73	14.63	75.62	21.77
96X48X3.6	7.47	9.52	108.35	36.4	3.37	1.96	22.58	15.17	28.58	17.56	89.5	25.47
96X48X4.0	8.22	10.47	117.54	39.32	3.35	1.94	24.49	16.39	31.21	19.14	96.41	27.3
96X48X5.0	10.02	12.76	138.23	45.74	3.29	1.89	28.8	19.06	37.3	22.77	110.04	30.95
100X50X2.0	4.51	5.74	74.98	25.67	3.61	2.11	15	10.27	18.5	11.46	62.21	17.57
100X50X2.5	5.57	7.09	91.2	31.06	3.59	2.09	18.24	12.43	22.67	14.01	75.87	21.18
100X50X2.9	6.4	8.15	103.48	35.09	3.56	2.07	20.7	14.04	25.88	15.96	86.08	23.84
100X50X3.6	7.81	9.95	123.51	41.56	3.52	2.04	24.71	16.63	31.21	19.19	102.23	27.99
100X50X4.0	8.6	10.95	134.14	44.95	3.5	2.03	26.83	17.98	34.1	20.93	110.37	30.06
100X50X5.0	10.49	13.36	158.19	52.45	3.44	1.98	31.64	20.98	40.84	24.95	126.87	34.28
122X61X2.0	5.45	6.94	131.92	45.33	4.36	2.56	21.99	15.11	27	16.75	109.1	25.89
122X61X2.5	6.74	8.59	161.23	55.15	4.33	2.53	26.88	18.39	33.2	20.56	133.86	31.43
122X61X2.9	7.76	9.89	183.65	62.6	4.31	2.52	30.61	20.87	38	23.49	152.74	35.6
122X61X3.6	9.51	12.11	220.75	74.77	4.27	2.48	36.8	24.93	46.07	28.4	183.57	42.29
122X61X4.0	10.48	13.35	240.74	81.25	4.25	2.47	40.13	27.09	50.49	31.08	199.79	45.76
122X61X5.0	12.84	16.36	286.97	95.99	4.19	2.42	47.83	32	60.95	37.38	235.39	53.33



INDUSTRIAL PAINTS

At RENNY, the decision to bring the manufacturing of Industrial Paints in-house was driven by the need for greater control over quality and cost, mostly for Scaffolding & Formwork sectors along with other demands. This initiative ensures that customers receive high-performance products while reducing overall production costs. RENNY Industrial Paints were developed to meet the rising demand for Durable, High-quality Painted Scaffolding & Formwork, with strict control over each step of the process from Formulation to Application.

The paints are engineered to provide Rust Prevention, Quick Drying and Long-Lasting protection, key qualities for heavy-duty industrial applications. With advanced anti-corrosive properties, they help maintain the structural integrity of scaffolding and formwork, even in harsh or extreme environments. The quick-drying formula allows for faster application, reducing project delays and ensuring efficient job completion. By producing paints in-house, RENNY has maximized cost efficiency, offering customers competitive pricing

without compromising on quality.

Renny's product range includes; Primers, Quick-drying paints, Thinners and Powder Coatings, all developed to ensure high performance and durability in industrial applications. The primers are designed for superior adhesion and rust prevention, providing a smooth application and fast drying, making them ideal for metal and steel surfaces.

The quick-drying paints offer rapid protection, becoming touch-dry in under an hour while delivering a long-lasting finish with excellent resistance to abrasions and wear. These paints are specifically crafted for scaffolding, formwork and other industrial uses.

Renny's thinners help maintain the optimal consistency of the paints, ensuring smooth application and easy cleanup. The powder coatings provide a durable, eco-friendly finish, known for their resistance to corrosion, chipping and fading, perfect for environments requiring maximum durability.



R SCAFF & R FORM

Renny proudly presents R Scaff & R Form, a pinnacle of precision engineering and superior quality. Constructed from high-grade HR Coil, R Scaff & R Form is customizable, offering unmatched versatility. Both are designed for construction efficiency, offering lightweight components and easy assembly for user friendly experience on the job site. Thanks to Renny's integrated plants, which oversees every step from coil and pipe production to industrial paint, the quality remains uncompromised throughout the process. R Scaff & R Form features anti-tilting properties, movement resistance and a fall arrest system, making it the ideal solution for high-rise construction. Engineered for durability and longevity, R Scaff & R Form stands as the premier choice for the most demanding construction environments.

They come with complete solution which include **Couplers Fittings, Ring Lock System, Cup Lock System, KwikStage System, Jack & Base Plates, Safety Equipment, Shoring System, Steel Props, Frames, Walk Boards & Steel plank, Forming Accessories.** This product range is available in different finishes like, **Powder Coated, Painted, Pre-Galvanized, Hot dipped Galvanized, Electro Galvanized & Black.**

R Scaff & R Form are a dominant player catering to various industries, including **EPC, Framework, Building Materials, Stucco Plastering, Masonry & Painting & Shipbuilding.**

Highlights

Anti-Tilting Properties

Movement Resistance

Fall Arrest System for added safety in high-rise construction

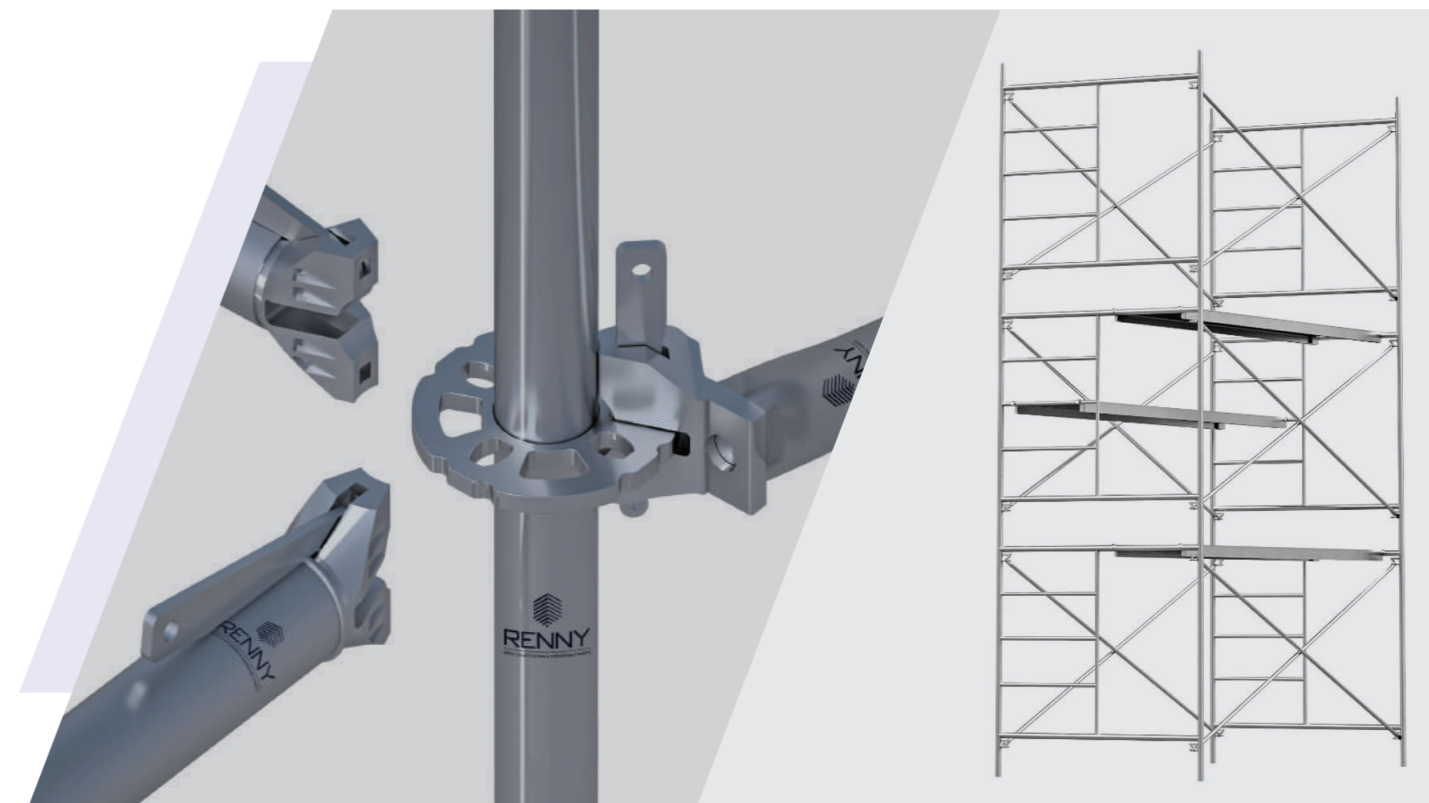
Durability & Longevity

Complete Solutions: Couplers Fittings, Ring Lock System, Cup Lock System, KwikStage System, Jack & Base Plates, Safety Equipment, Shoring System, Steel Props, Frames, Walk Boards & Steel Plank, Forming Accessories

Vast Range of Props (thoroughly inspected)

Available in Power Coated, Painted, Pre-Galvanized, Hot dipped Galvanized, Electro Galvanized & Self-Finishes

Serves EPC Companies, Framework, Building Materials, Stucco Plastering, Masonry & Painting & Shipbuilding



ARENA OF APPLICATIONS



Construction Sector:

Renny pipes & Scaffolding crafted from premium raw materials, are extensively used in the construction industry for a variety of applications. Their strength, durability, steadiness and seamless integration make them a reliable choice for any construction project.



Water Supply Systems

Renny pipes undergo rigorous quality checks at every stage of production, establishing Renny as a trusted name in water supply systems. Renowned for their leak-proof design, high-pressure tolerance and rust resistance, Renny pipes ensure efficient water distribution in residential, commercial and industrial buildings. For dependable water supply solutions, Renny is the preferred choice.



Oil & Gas Industry

Renny's pipes are ideal for the oil & gas sector, known for their superior quality & durability, ensuring efficient transmission of crude oil, natural gas & refined petroleum products over long distances. Additionally, Renny Scaffolding has earned an excellent reputation for its reliable structural support applications in the same industry.

Agriculture & Irrigation

Renny pipes are vital to agricultural irrigation systems, offering exceptional durability to withstand harsh weather conditions and resist external forces. Their cost-effectiveness and low maintenance needs make them an ideal choice for farmers, ensuring reliable performance and long-term value in agricultural applications.

Petrochemical Industry

Renny pipes & paints are extensively used in the petrochemical industry for transmitting chemicals, gases and petroleum products. Their dimensional precision and compatibility with various fittings make them ideal for complex piping systems in petrochemical plants.

Automotive Sector

Renny pipes are well-suited for the automotive sector, boasting exceptional strength and excellent weldability. They offer a cost-effective solution without compromising quality and their adaptability to various manufacturing processes allows for the development of advanced vehicle components and features of agricultural equipment like Cultivator, Harrow, Seeder, Rotavator, Threshing.

Shipbuilding Industry

R Scaff has earned a strong reputation in shipbuilding for providing convenient access to various areas of ships. These scaffolds can be strategically placed around the hull, superstructures and other parts of vessels, enabling workers to reach work areas with ease. It has positioned itself as the ideal choice due to its strength, stability, rust resistance and cost-effective maintenance, all available at an affordable price.





REDEFINING GLOBAL GROWTH IN ERW PIPES & SCAFFOLDING

Renny, a prominent exporter of ERW Pipes, Scaffolding & Formwork, has established an effective presence in **40 Countries across 6 Continents**. Upholding stringent industry standards for quality, Renny's diverse product range plays a pivotal role in supporting Structural Frameworks, Automotive Components and Water Pipelines on a Global Scale. Encouraged by a rapid and positive reception from international markets, Renny is now strategically expanding its operations worldwide with a focus on introducing value-added products.

Behind Renny's strong international market presence is a dedicated Export Team proficient in **Market Research, Fostering Client Relationships, Managing Investor Communications, overseeing Timely Deliveries & Driving New Business Initiatives**.

In the previous fiscal year, exports made up a substantial **30% of Renny's Total Profits**. To continue this growth, Renny is set to broaden its global presence and diversify its product range to align with changing market demands. Part of this strategy involves establishing an **International Warehouse** in the **Next Fiscal Year**, aiming to enhance the company's overall growth and economic impact.

INNOVATING, SUSTAINING & EXPANDING INITIATIVES

Renny has devised a comprehensive 5-year expansion plan targeting growth in 3 key areas:

Product Range Expansion: The company aims to diversify its product offerings through continuous innovation, focusing on value-added products such as Solar Mounting Structures, Road Crash Barriers, Tubular Poles and more. By next year, Renny plans to double its range of **SKUs from 1,000 to 2,000**. Additionally, Renny aspires to become the **Nation's No.1 Props Producer** by **Tripling the Production Capacity in Scaffolding & Formwork**.

Sustainable Manufacturing: Renny is committed to **Sustainable Manufacturing** processes that minimize **Environmental Impact & Promote** long-term **Ecological Balance**. The company has deployed **22 MW Solar Energy Plant** for sustainable manufacturing and expanded supportive infrastructure to reduce its **Carbon Footprints**.

Facility & Market Expansion: The plan includes **Substantial Investments** in **Facility Expansion** across other states in India to Boost Production Capacity & Strengthen, its presence in key markets. Renny also aims to enhance its **Global Reach** by establishing **Warehouses in Strategic Foreign Markets**.

This will facilitate efficient distribution and support for further **Market Creation Internationally**, ensuring that their products are readily available to meet growing demand worldwide.

This Strategic Approach is designed to propel Renny to new heights of success & **Industry Leadership**, underscoring their commitment to becoming a more **Prominent Global Player &** providing superior service to their **International Clientele**.

Highlights

- Double the range of SKUs from 1,000 to 2,000 by next year
- Aspire to become the No. 1 Props Producer in the country
- Commit to Sustainable Manufacturing Processes
- Provide superior service to international clientele
- Expansion of Global Market

SHAPING A GOOD LIFE

Renny's commitment to a Better, Greener & Stronger Community is evident through various initiatives, from public asset building to healthcare. These efforts reflect Renny's deep dedication to uplifting the community and fostering sustainable development.



Adoption of School

Aims to create a lasting positive impact by investing in the future of young students, fostering a Better, Greener & Stronger Community. Renny has adopted a Primary Boys school in Raian Village, Ludhiana



Adoption of Public Pond

Renny initiated a Rainwater Harvesting project by adopting a village pond in Raian Village,

Another step to towards community development. Renny has adopted a public pond. Renny is doing complete maintenance of the pond along with Rain Water Harvestation, so that the villagers can get easy access to water for agriculture, irrigation and daily use.



Infrastructural Development

- Constructed the entire Boundary Wall to provide security and a sense of enclosure for the students
- Installed a Green Board to enhance the classroom experience
- Built a Toilet Shed to improve Sanitation & Hygiene
- Constructed a Stage Shed to facilitate school events and activities
- Installed Water Cooler Tanks to ensure clean drinking water for the school children



Medical Support

In rural India, BPL families often face barriers to healthcare. Renny is leading health check-up camps, distributing free medicine & raising awareness among villagers in Raian village.

ROCKS OF RENNY

Dedicated to Excellence: Crafting Quality, Delivering Satisfaction

Renny is dedicated to producing and continually developing products of the highest quality standards. Our top priorities include delivering exceptional customer service with integrity and ensuring complete satisfaction. We are committed to continuous self-improvement and operational growth.

By **Mr. Dev Gupta**
Director

Empowering Structural Steel Buildings with Sustainable Solutions

The present moment calls for a transition to solution-driven offerings through sustainable manufacturing processes. We are actively pursuing expansion in both domestic and global markets by offering value-added products. Our comprehensive investment strategy includes establishing new facilities and integrating advanced manufacturing technologies to enhance product efficiency and quality, thereby meeting the diverse needs of various industries.

By **Mr. Binny Gupta**
Managing Director

Quality Driven, Globally Respected: Innovating to Meet Market Demands

Focusing on establishing a strong reputation, we prioritize consistent delivery of top-quality products and ensuring timely service. With fully integrated facilities, we can produce a diverse product range of sizes and thicknesses to meet market demands, marking a significant milestone for us. To bolster our efforts, we are launching impactful brand engagement programs, dealer incentive schemes and PR activities.

By **Mr. Sarthak Gupta**
CEO

CERTIFYING EXCELLENCE



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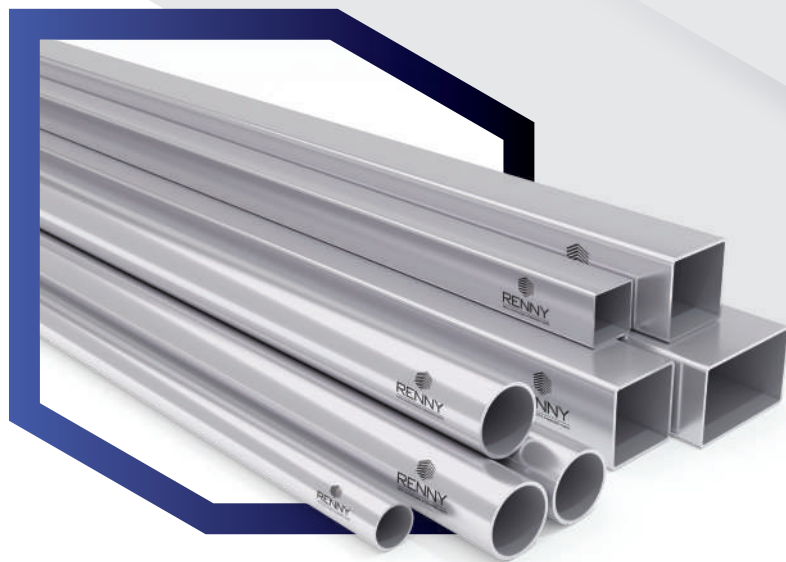
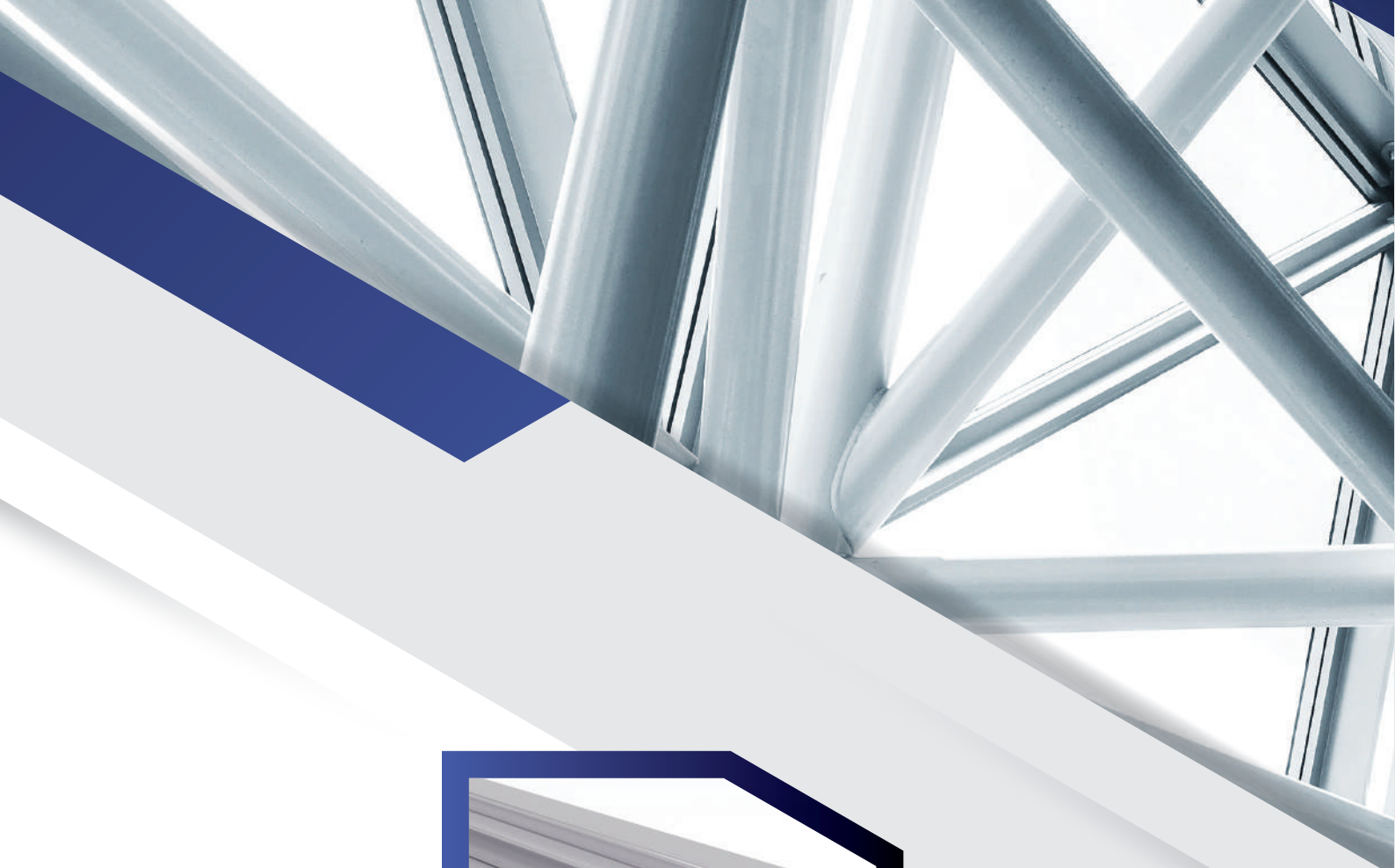
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