GLOBAL SEAMLESS



Ensuring Success
The Seamless Way

About Us

Global Seamless Tubes & Pipes Pvt. Ltd. is located in Bagnan, Howrah, approximately 65 KMs from Kolkata, in West Bengal, India and Mansfield, Louisiana, USA. Global Seamless is a professional mill with state-of-the-art infrastructure, established by a team of seasoned technocrats with deep domain knowledge of the seamless steel pipe industry.

We have a distinct advantage of having an integrated end to end hot-finish to cold drawn pipes, under the same manufacturing unit. Our annual installed capacity is 60000 MT per year, with an ongoing effort to double the installed production capacity in the nearest future. Being strategically located near two major ports – Kolkata and Haldia, we ensure fast and hassle-free delivery, with a favourable cost advantage.

Global Seamless is established under the Start-up India Scheme, an initiative by the Government of India for generation of employment and wealth creation. The factory is built over an area over 400,000 sq. ft. and has a continuous rolling mill. Other modern manufacturing machineries include Draw Benches, Pilger, Bright Annealing Furnace, Solution Annealing Furnace, Eddy Current and Ultrasonic Testing NDT machines, and fully automatic Hydrostatic Tester.



Our Leadership Blueprint for Success:

- Grow by creating a culture of trust & accountability
- Improve by right decision making & timely problem solving
- Change setbacks into comebacks
- Build powerful teams of empowered employees that go extra mile
- Deliver the Tubes & Pipes with inbuilt quality standards

Industries Served

- Oil & Gas
- Heat Exchangers
- General Engineering
- Automobile
- Boilers
- Railways
- Refineries
- Mechanical & Structural

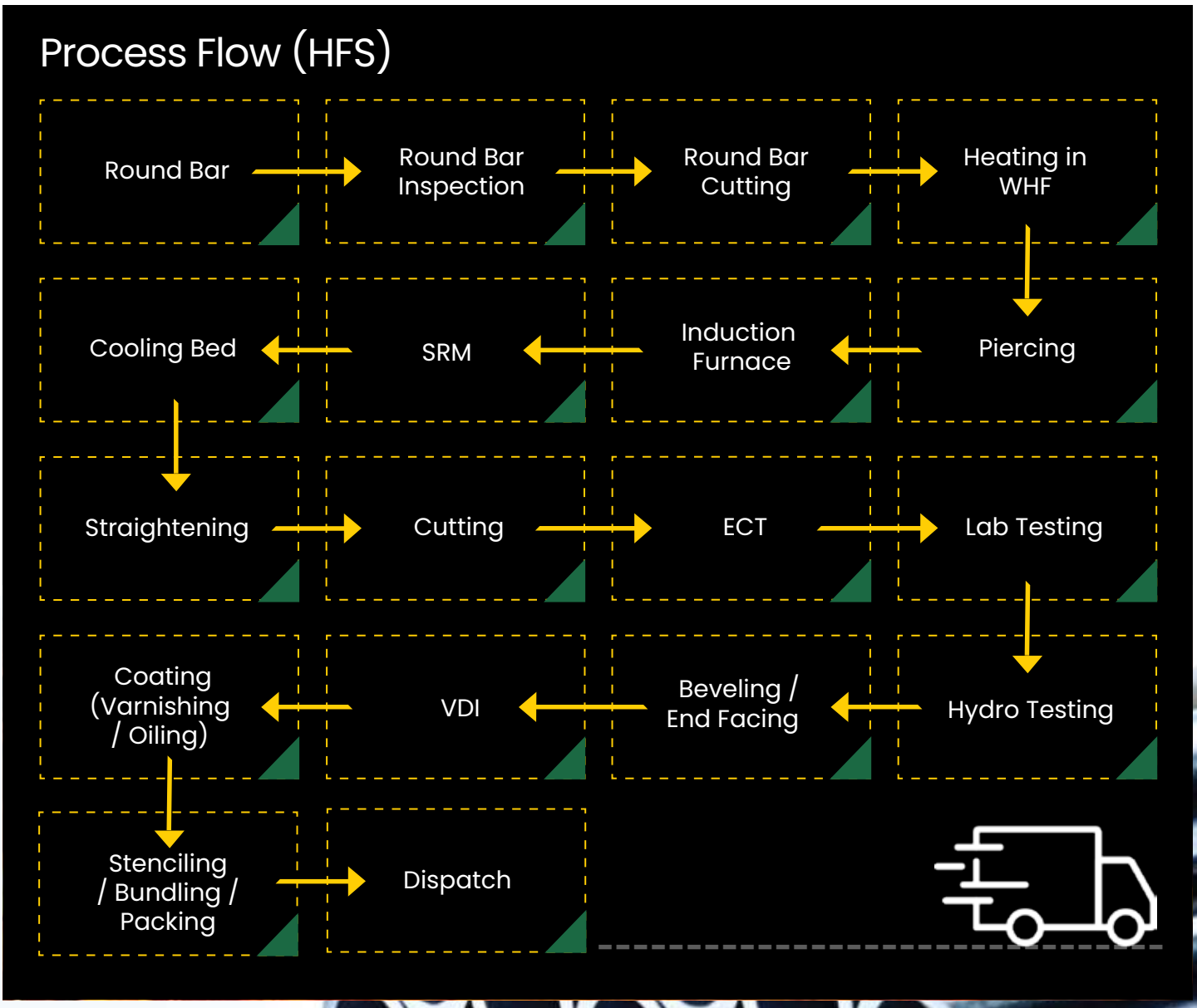
Specifications Catered

Product Specification	Grades	Product Specification	Grades
ASTM A 53	A,B,C	BS 3601	-
ASTM A 106	A,B,C	BS 3602-1	-
ASTM A 179	-	BS 3059	-
ASTM A 192	-	BS 6323-4	-
ASTM A 210	A1,C	EN 10084	16MnCr5, 20MnCr5
ASTM A 333	1, 3, 6	EN 10305-1	-
ASTM A 334	1, 3, 6	EN 10305-4	-
ASTM A 519	1010, 1018, 1019, 1020, 1026, 1035, 1040, 1045, 1141, 1518, 1541, 4130, 4140	EN 10297-1	-
ASTM A 513	1010, 1018, 1019, 1020, 1026, 1035, 1040, 1045, 1141, 1518, 1541, 4130, 4140	EN 10216-1	P195T, P235T, P265T
ASTM A 312	TP 304, TP 304L, TP 316, TP 316L	EN 10216-2	P195GH, P235GH, P265GH, 16Mo3
ASTM A 269	TP 304, TP 304L, TP 316, TP 316L	EN 10216-3	P275+N, P355+N
ASTM A 213	T5, T5b, T5c, T11, T12, T22	EN 10025	S235 (J0,JR,J2), S275 (J0, J2, JR), S355 (J0, J2, JR, K2)
ASTM A 335	P5, P5b, P5c, P11, P12, P22	DIN 2391	ST35, ST45, ST52
IS 1875	Class 4	DIN 17175	ST 35, ST 45, 17Mn4, 17Mn5, 15Mo3
IS 3074	CDS-1	SAE J524	
IS 1239 PART-1	-	JIS 4105	SCM 415, SCM 418, SCM 420, SCM 421
STKM	11, 20		

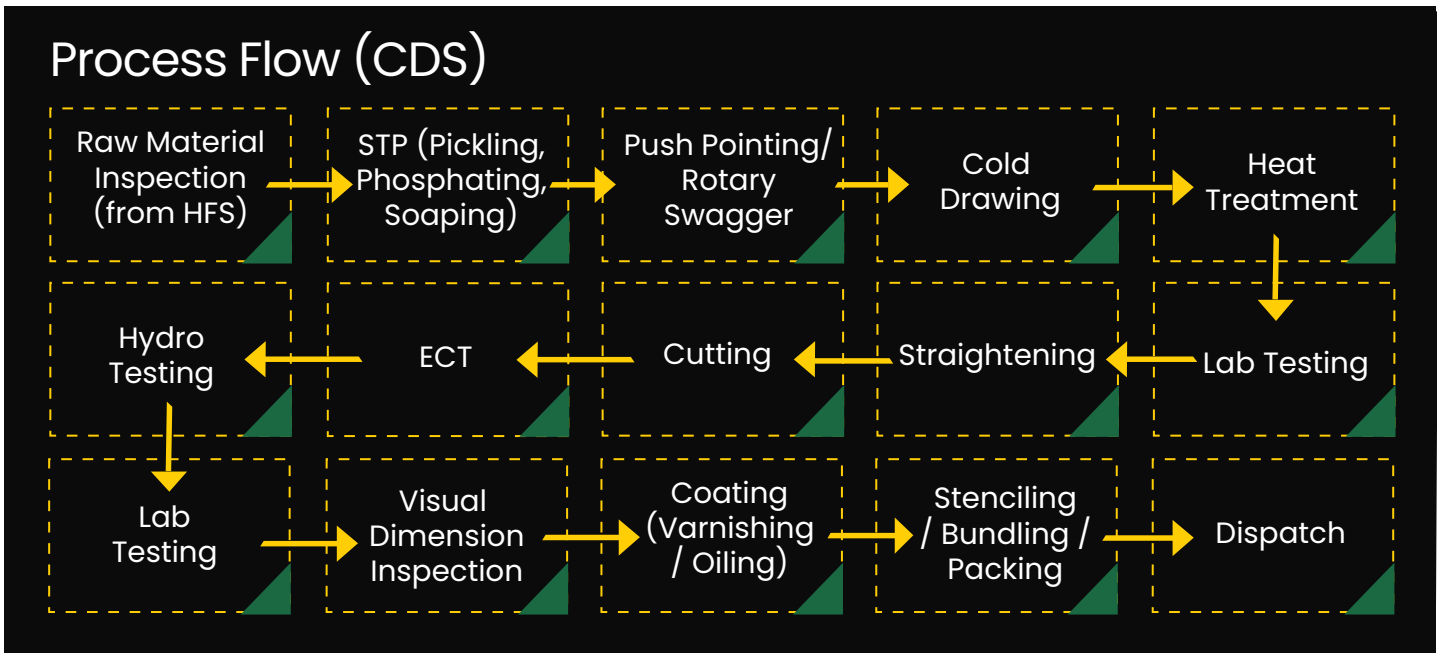


Hot Finish Process

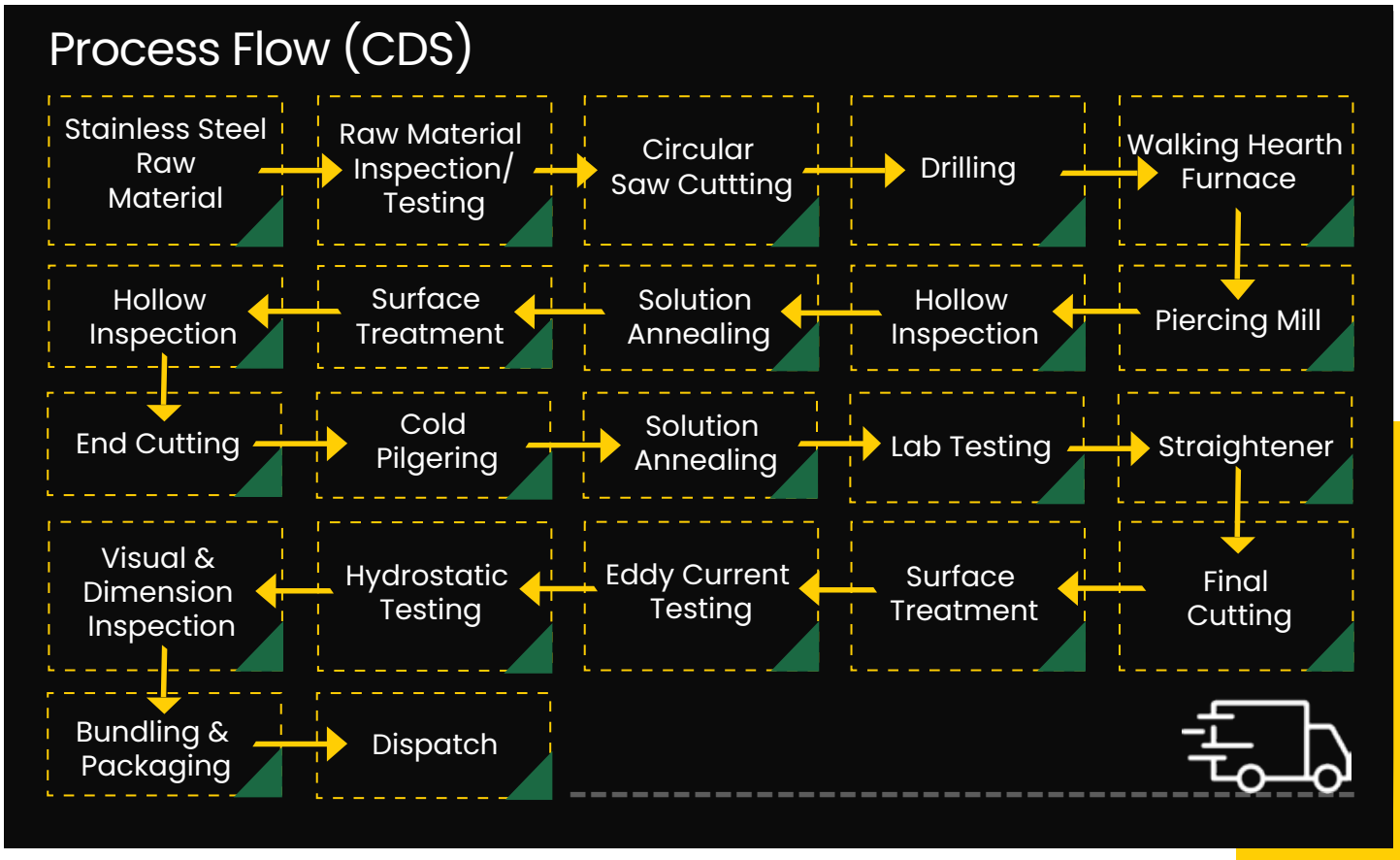
Process Flow (HFS)



Cold Finish Process



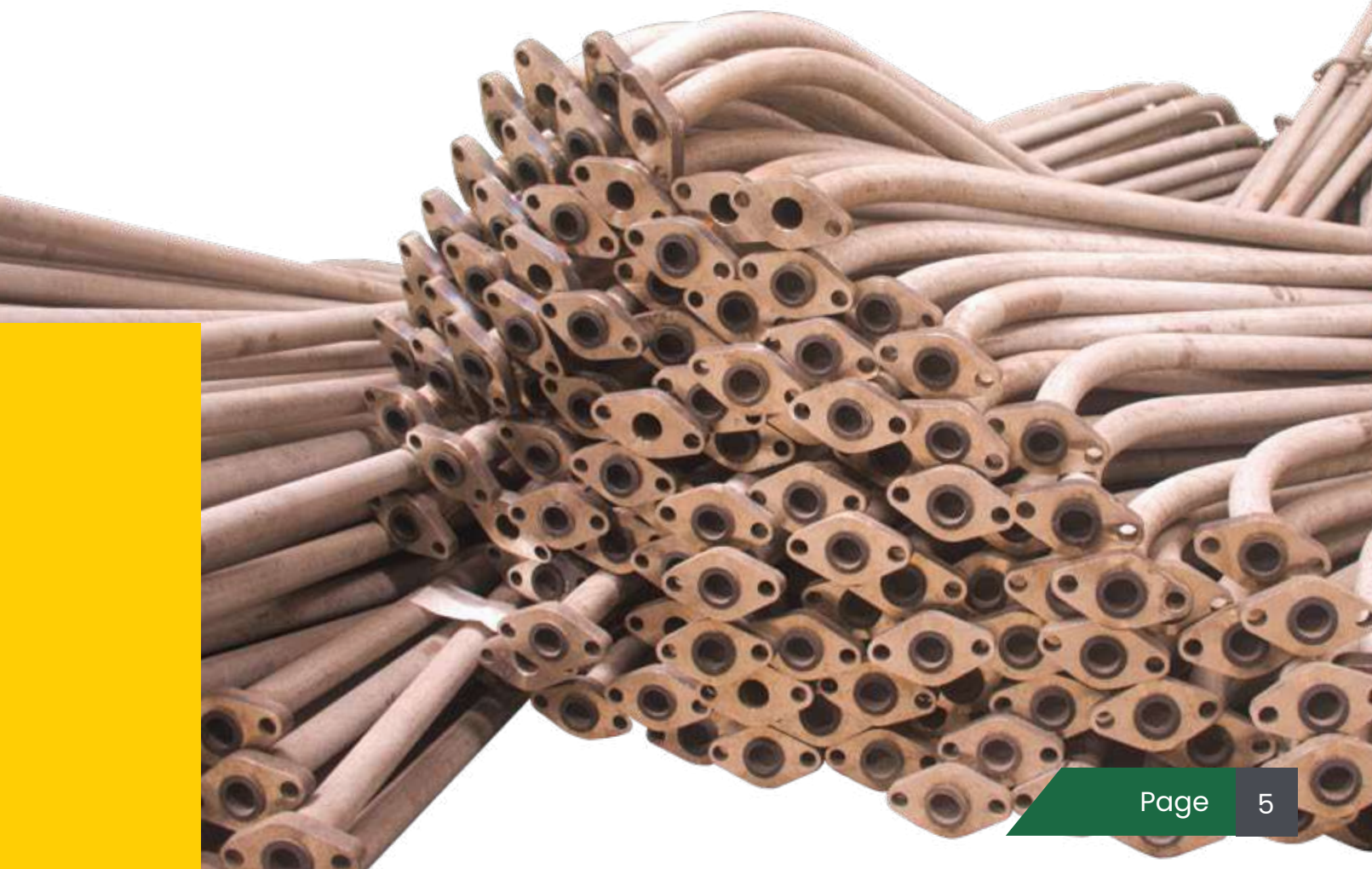
Stainless Steel Tubes/Pipes Process



Dimensional Tolerance

Hot Finished Tube/Pipe	OD: 27 - 168.3 mm	Tolerance +/- 1% of OD
		Min +/- 0.5 mm
		Max +/- 0.8 mm
	WT: 3 - 16 mm	Tolerance +/- 10% of WT
	Length: upto 8 meters	Tolerance -0/+ 6 mm
Cold Drawn Tube/Pipe	OD up to 38.1 mm	Tolerance +/- 0.5 %
	OD over 38.1 mm	Tolerance +/- 0.5 %
	WT up to 4 mm	Tolerance +/- 5 %
	WT over 4 mm	Tolerance +/- 5 %
	Length: any length upt to 13 meters	Tolerance +/- 5 mm

Tolerance can be considered on request in special cases



ASTM Schedule Size Chart

Nominal Bore	Outside Diameter		Wall Thickness	Schedule	Class	Weight	
Inch	Inch	MM	MM			Kg Per Meter	Ibs Per Foot
1/8″	0.405	10.3	1.70	40	STD	0.36	0.242
			2.40	80	XS	0.47	0.316
1/4″	0.54	13.7	2.20	40	STD	0.62	0.417
			3.02	80	XS	0.79	0.531
3/8″	0.375	17.1	2.30	40	STD	0.84	0.565
			3.20	80	XS	1.10	0.739
1/2″	0.84	21.3	2.77	40	STD	1.30	0.874
			3.73	80	XS	1.62	1.089
			4.78	160	–	1.95	1.310
			7.47	–	XXS	2.55	1.714
3/4″	1.05	26.7	2.87	40	STD	1.69	1.136
			3.91	80	XS	2.20	1.478
			5.56	160	–	2.90	1.949
			7.82	–	XXS	3.64	2.446
1″	1.315	33.4	3.38	40	STD	2.50	1.680
			4.55	80	XS	3.24	2.177
			6.35	160	–	4.24	2.849
			9.09	–	XXS	5.45	3.662
1-1/4″	1.66	42.2	3.56	40	STD	3.39	2.278
			4.85	80	XS	4.47	3.004
			6.35	160	–	5.61	3.770
			9.70	–	XXS	7.77	5.221
1-1/2″	1.9	48.3	3.68	40	STD	1.23	0.827
			5.08	80	XS	1.65	1.109
			7.14	160	–	2.20	1.478
			10.16	–	XXH	2.91	1.955
2″	2.375	60.3	3.91	40	STD	5.44	3.656
			5.54	80	XS	7.48	5.026
			8.74	160	–	11.11	7.466
			11.07	–	XXH	13.47	9.051
2-1/2″	2.875	73	5.16	40	STD	8.63	5.799
			7.01	80	XS	11.41	7.667
			9.53	160	–	14.92	10.026
			14.02	–	XXS	20.37	13.688
3″	3.5	88.9	4.80	–	–	9.95	6.686
			5.49	40	STD	11.29	7.587
			7.62	80	XS	15.27	10.261
			11.13	160	–	21.35	14.347
			15.24	–	XXS	27.63	18.567
3-1/2″	4	101.6	4.80	-40	STD	11.46	7.701
			5.74			13.57	9.119
			8.08	80	XS	18.63	12.519
			12.00			26.51	17.810
			16.50			34.63	23.270
4	4.5	114.3	6.02	–		10.88	7.311
			8.56	–		12.96	8.709
5	5.56	141.3	6.55	40	STD	21.77	14.629
			9.53	80	XS	30.97	20.811
			12.70	120	–	40.28	27.067
			15.90	160	–	49.17	33.404
6	6.63	168.3	7.11	40	STD XS	28.26	18.990
			10.97	80		42.56	28.599
			14.30	12	–	54.31	36.495

CDS Size Chart

OD	WT															
	0.89	1.50	2.00	2.30	2.60	2.90	3.20	3.60	4.00	4.50	5.00	5.60	6.30	7.10	8.00	Length
6.00	■	■														Length 12.5mtrs max
8.00	■	■														
9.53	■	■														
10.00	■	■	■													
10.30	■	■	■	■												
12.00	■	■	■	■												
13.70	■	■	■	■	■	■										
14.00	■	■	■	■	■	■										
16.00	■	■	■	■	■	■										
17.00	■	■	■	■	■	■	■									
19.00	■	■	■	■	■	■	■									
20.00	■	■	■	■	■	■	■									
21.30		■	■	■	■	■	■	■	■	■						
22.00		■	■	■	■	■	■	■	■	■						
24.00		■	■	■	■	■	■	■	■	■						
25.00		■	■	■	■	■	■	■	■	■						
25.40		■	■	■	■	■	■	■	■	■						
26.00		■	■	■	■	■	■	■	■	■						
26.70		■	■	■	■	■	■	■	■	■	■					
30.00		■	■	■	■	■	■	■	■	■	■					
31.75			■	■	■	■	■	■	■	■	■	■				
32.00			■	■	■	■	■	■	■	■	■	■	■			
33.40			■	■	■	■	■	■	■	■	■	■	■			
35.00			■	■	■	■	■	■	■	■	■	■	■			Upto WT 4mm Length 12 mtrs/WT 4mm above length 10 mtrs
38.00			■	■	■	■	■	■	■	■	■	■	■	■		
40.00			■	■	■	■	■	■	■	■	■	■	■	■		
42.20			■	■	■	■	■	■	■	■	■	■	■	■		
44.50			■	■	■	■	■	■	■	■	■	■	■	■		
48.30			■	■	■	■	■	■	■	■	■	■	■	■		
50.00			■	■	■	■	■	■	■	■	■	■	■	■	■	
50.80			■	■	■	■	■	■	■	■	■	■	■	■	■	
54.00			■	■	■	■	■	■	■	■	■	■	■	■	■	
57.00			■	■	■	■	■	■	■	■	■	■	■	■	■	
60.00			■	■	■	■	■	■	■	■	■	■	■	■	■	
60.30					■	■	■	■	■	■	■	■	■	■	■	
65.00					■	■	■	■	■	■	■	■	■	■	■	
70.00					■	■	■	■	■	■	■	■	■	■	■	
73.00									■	■	■	■	■	■		
80.00									■	■	■	■	■	■		
88.90									■	■	■	■	■			7mtrs
90.00									■	■	■	■				



HFS Size Chart

OD	WT													Length
	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.50	
26.70	■														Upto 8.00 Mtr.
33.40	■	■	■												
42.20	■	■	■												
48.30	■	■	■												
60.30		■	■	■	■	■	■								
73.00			■	■	■	■	■	■							
88.90			■	■	■	■	■	■	■	■	■	■	■		
101.60			■	■	■	■	■	■	■	■	■	■	■	■	
114.30				■	■	■	■	■	■	■	■	■	■		
141.30				■	■	■	■	■	■	■	■	■	■		
168.30				■	■	■	■	■	■	■	■	■	■		

SAE 4130, SAE 4140, SCM 415, SAE 8620, ASTM A 213 GR. T11, T22, DIN 10084 Gr. 16MnCr5, Gr. 20MnCr5 Size Chart

OD	WT						Length
	2.90	3.25	3.50	4.00	4.50	5.00	
20.00	■						Upto 6 mtr or as per customer requirement
22.00	■	■					
24.00	■	■	■				
25.00	■	■	■				
25.40		■	■				
26.00		■	■				
30.00		■	■	■	■	■	
32.00		■	■	■	■	■	
35.00			■	■	■	■	
38.10			■	■	■	■	
40.00				■	■	■	
44.50				■	■	■	
50.80				■	■	■	

SA 192, SA 179, SA 210 GR A1, C, SAE J 524, EN SERIES (European) Size Chart

OD	WT																Length
	0.89	1.50	2.00	2.30	2.60	2.90	3.20	3.60	4.00	4.50	5.00	5.60	6.00	6.30	7.10	8.00	
6.00	■																Upto 12.50 Mtr., it may depends on OD X WT
8.00	■	■															
9.53	■	■															
10.00	■	■															
12.00	■	■	■	■													
14.00	■	■	■	■	■	■											
16.00	■	■	■	■	■	■											
17.00	■	■	■	■	■	■	■										
19.00	■	■	■	■	■	■	■										
20.00		■	■	■	■	■	■										
22.00		■	■	■	■	■	■	■	■								
24.00		■	■	■	■	■	■	■	■	■							
25.00		■	■	■	■	■	■	■	■	■							
25.40			■	■	■	■	■	■	■	■							
26.00			■	■	■	■	■	■	■	■	■	■					
30.00			■	■	■	■	■	■	■	■	■	■	■				
32.00			■	■	■	■	■	■	■	■	■	■	■				
35.00			■	■	■	■	■	■	■	■	■	■	■	■			
38.10			■	■	■	■	■	■	■	■	■	■	■	■			
40.00			■	■	■	■	■	■	■	■	■	■	■	■			
44.50			■	■	■	■	■	■	■	■	■	■	■	■	■		
50.80			■	■	■	■	■	■	■	■	■	■	■	■	■	■	
54.00			■	■	■	■	■	■	■	■	■	■	■	■	■	■	
57.00			■	■	■	■	■	■	■	■	■	■	■	■	■	■	
60.00			■	■	■	■	■	■	■	■	■	■	■	■	■	■	
63.50							■	■	■	■	■	■	■	■	■	■	
70.00							■	■	■	■	■	■	■	■	■	■	
76.20							■	■	■	■	■	■	■	■	■	■	

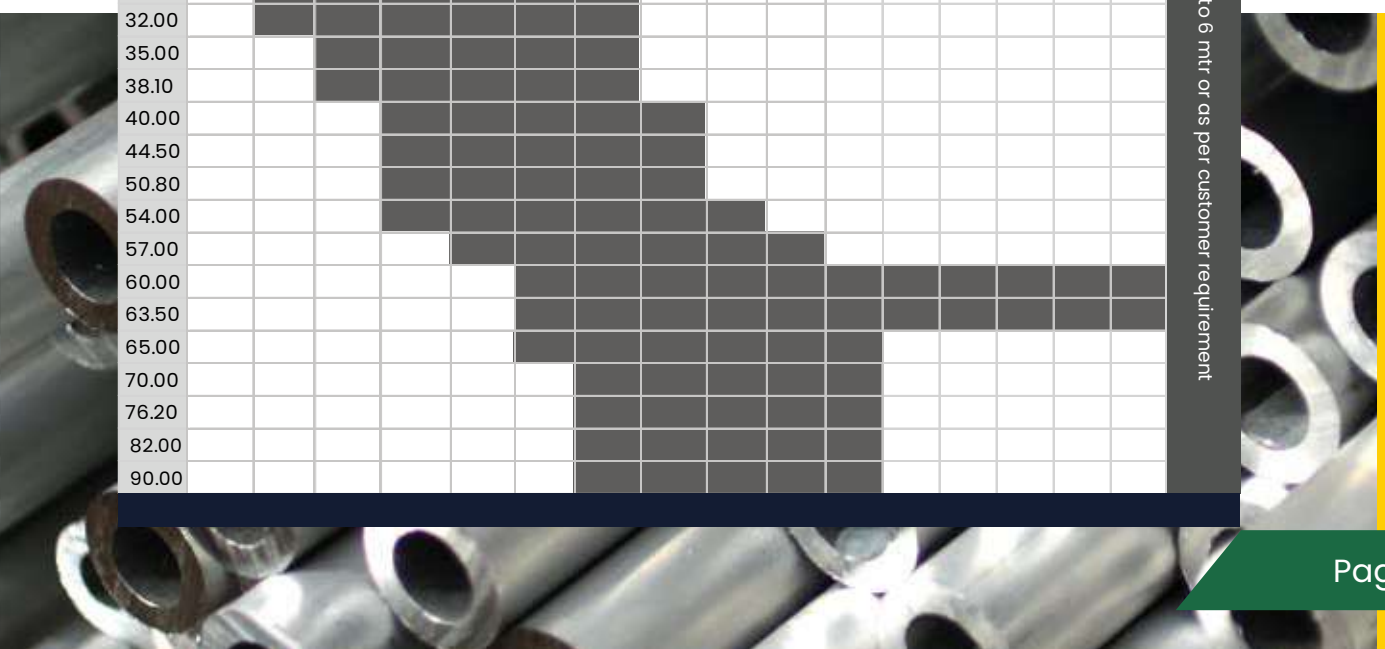


EN8 / C45 / SAE1045 Size Chart

OD	WT											Length
	2.90	3.25	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	
20.00	■											Upto 6 mtr or as per customer requirement
22.00	■	■										
24.00	■	■	■									
25.00	■	■	■									
25.40		■	■									
26.00		■	■									
30.00		■	■	■	■	■						
32.00		■	■	■	■	■						
35.00			■	■	■	■						
38.10			■	■	■	■						
40.00				■	■	■	■					
44.50				■	■	■	■					
50.80				■	■	■	■	■				
54.00				■	■	■	■	■				
57.00					■	■	■	■	■			
60.00						■	■	■	■	■	■	
63.50						■	■	■	■	■	■	
65.00						■	■	■	■	■	■	

ST - 52 & DOM Size Chart

OD	WT															Length
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	8.00	9.00	10.00	11.00	12.00	12.70	
25.00	■	■	■	■													Upto 6 mtr or as per customer requirement
25.40		■	■	■													
26.00		■	■	■													
30.00		■	■	■	■	■	■										
32.00		■	■	■	■	■	■										
35.00			■	■	■	■	■										
38.10			■	■	■	■	■										
40.00				■	■	■	■	■									
44.50				■	■	■	■	■									
50.80				■	■	■	■	■									
54.00				■	■	■	■	■	■								
57.00					■	■	■	■	■	■							
60.00						■	■	■	■	■	■	■	■	■	■	■	
63.50						■	■	■	■	■	■	■	■	■	■	■	
65.00						■	■	■	■	■	■						
70.00							■	■	■	■	■						
76.20							■	■	■	■	■						
82.00							■	■	■	■	■						
90.00							■	■	■	■	■						



Stainless Steel Tubes / Pipes Size

ASTM A269 Gr. TP 304 & 304 L / TP 310 / TP 316 & 316L / TP 321

OD	WT						
	1.50	2.00	2.50	3.00	3.50	4.00	4.50
12.00	■	■					
14.00	■	■					
16.00	■	■	■				
18.00	■	■	■	■			
20.00	■	■	■	■			
22.00	■	■	■	■			
25.00		■	■	■			
28.00		■	■	■	■		
31.75		■	■	■	■		
38.10		■	■	■	■		
42.00		■	■	■	■	■	
44.50			■	■	■	■	
50.80			■	■	■	■	■
63.50			■	■	■	■	■

ASTM A312 Gr. TP 304 & 304 L / TP 310 / TP 316 & 316L / TP 321

OD	WT							
	2.30	2.50	3.00	3.50	4.00	4.50	5.00	5.50
17.10	■							
21.34		■	■	■	■			
26.67		■	■	■	■			
33.40			■	■	■	■		
42.16				■	■	■	■	
48.26				■	■	■	■	
60.33				■	■	■	■	■
88.90								■

Certifications



EIL



Well Known Tube Maker



Well Known Pipe Maker



IATF



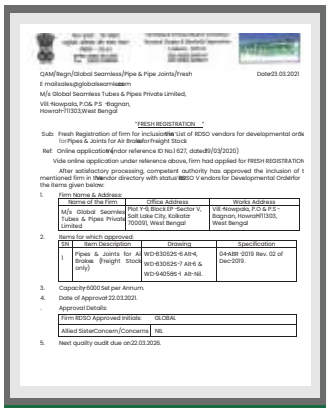
ISO 14001:2015



ISO 45001:2018



ISO 9001:2015



RDSO



CE



PED

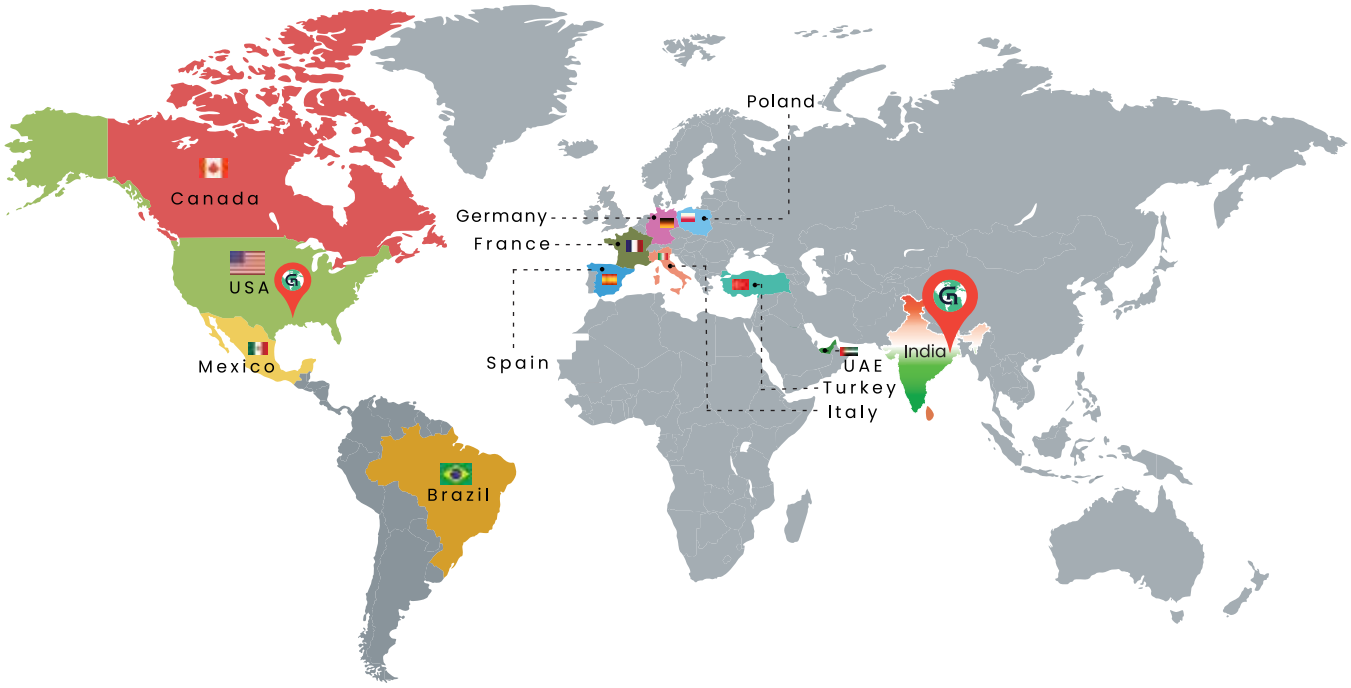


NABL

Exports

Over the years, Global Seamless has positioned itself as a globally competitive player in the manufacturing and supply of quality seamless tubes/pipes. Having a variety of products for global markets, the company has found a niche in several countries. A significant portion of our monthly dispatches is exported. With the existing cost-competitive marketing network, advanced know-how and technical expertise, the company is well placed to meet the quality requirements of the export market.

Global Seamless caters to major markets in North America & South America (USA, Canada, Mexico, Brazil), European Union countries (Poland, France, Germany, Italy), Middle East & Turkey, Egypt.



Core Competencies

- A lean manufacturing system, which can quickly adapt to changing market needs
- Individual focused employee training programs
- Integration of all departments and processes through ERP
- Robust system to ensure traceability of production
- Extensive knowledge bank of seamless pipe production and positioning



Quality Assurance & Approvals

At Global Seamless, we believe that quality is the cornerstone for success. We are committed to delivering value to our clients through stringent quality parameters, competitive pricing and timely deliveries. Stringent system-based quality control implemented at each production stage, focuses on customer requirements. Our verified network for purchasing and distribution channels is just one of many areas where we excel.

Our Certifications:

- ISO 9001-2015, ISO 14001-2015, ISO 45001-2018 certifications by URS
- PED 2014/68/EU certification by GLOBA
- BIS certification for products
- NABL accredation for the quality and technical competence for testing.
- Well Known Tube/Pipe manufacturer under Indian Boiler regulation
- EIL approval for supplying tubes to major petroleum and natural gas sector project equipment manufacturers
- IATF by URS
- RDSO

Leading Third Party Inspecting authorities like Germanischer Lloyd, DNV, BV, TUV Sud, TUV Nord, IBR, and TPL regularly visit our manufacturing facility for inspection while fulfilling various customer orders. Other inspection agencies like IRS, SGS, Bax-counsel, PDIL, UHDE India Ltd., 3acobs, and VELOSI carry-out customer inspections.



Quality Control And Product Reliability

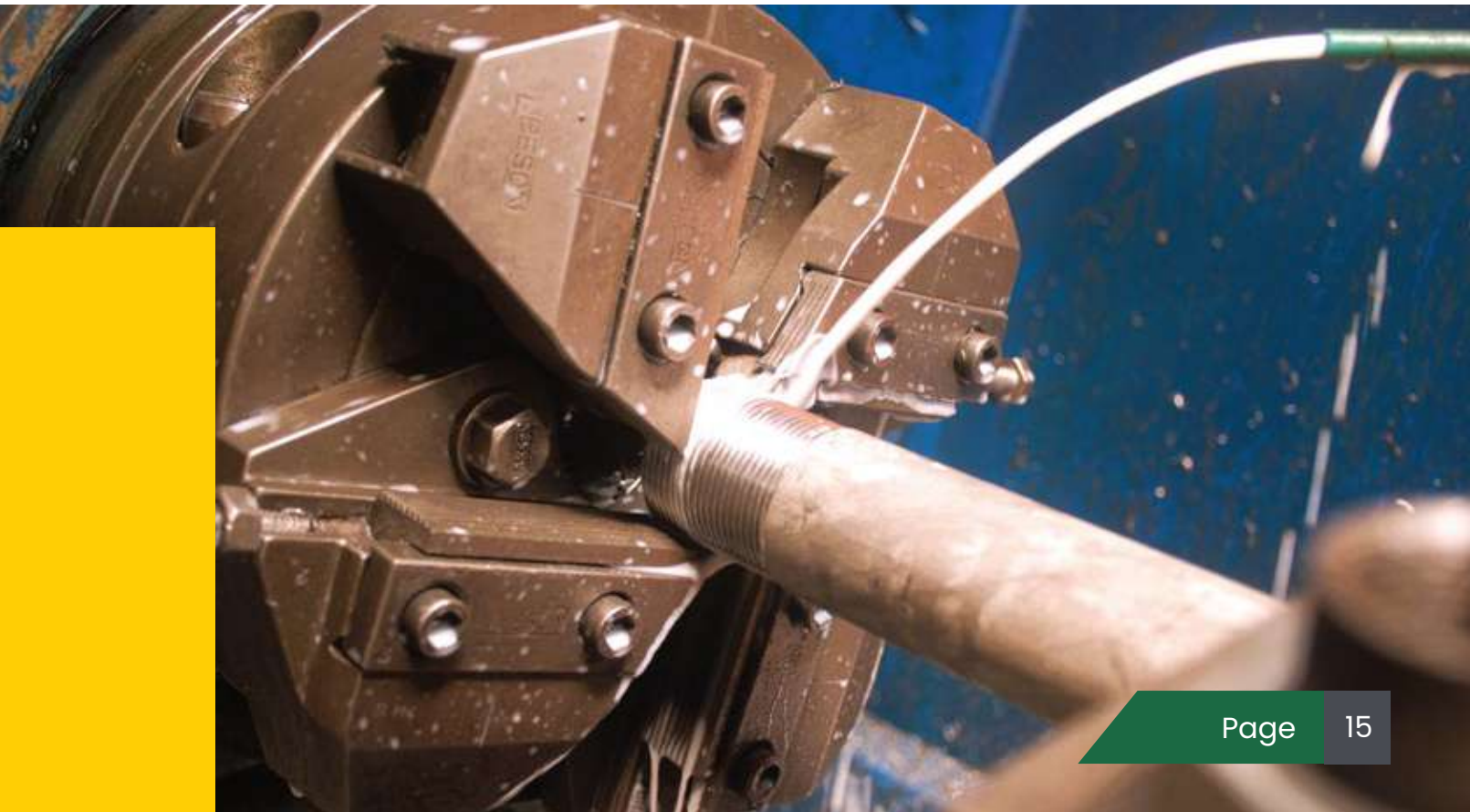
- Incoming Round Bar, mother hollow and finished pipe/ tube are inspected for physical properties like roundness, outer diameter, wall thickness, surface roughness, porosity, inclusion rating etc. Metallurgical analyses, including grain structure and grade confirmation (chemical composition), are ensured using an Inverted Metallurgical Microscope with 100X magnification and Optical Emission Spectrometer (Shimadzu)

- Mechanical testing includes Tensile, Flattening, Flare and Reverse Bend tests in compliance with relevant standards using 600KN capacity Universal Testing Machine. Hardness is tested using an automatic Digital Rockwell Hardness Tester.

- Tubes/pipes are tested hydrostatically up to 5000 psi in a heavy-duty PLC-based Automatic Hydrostatic Pressure Testing machine, based on client requirements as per relevant standards.

- Tubes/pipes are tested in an off-line SCADA based automatic Eddy Current Testing system to detect subsurface and surface defects, based on client requirement as per relevant standards.

- Tubes/pipes are tested in an off-line automatic rotating probe-type ultrasonic testing machine to detect longitudinal, lateral and transverse internal defects, based on client requirements as per relevant standards.

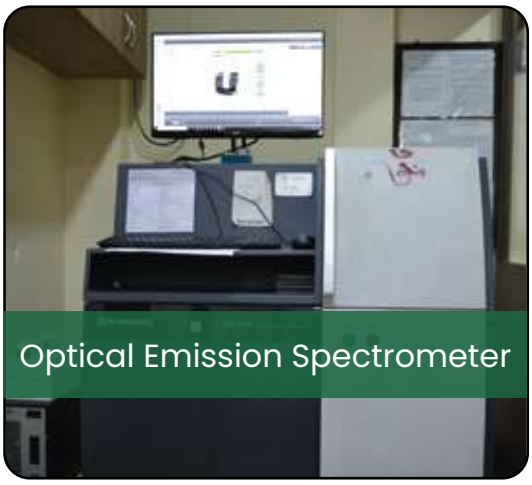


NABL-Accredited Lab to Ensure Quality and Compliance


Digital Hardness Tester


Eddy Current Tester


Metallurgical Microscope


Optical Emission Spectrometer



Universal Testing M/G


Hydrostatic Tester

Cutting Edge Machineries for Global Standard Delivery


Accu Roll Elongator

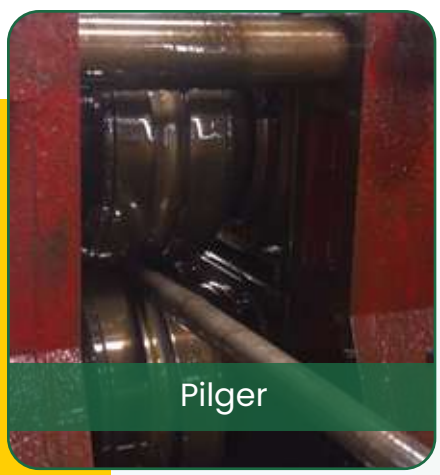

Barrel Type Piercer


Hydraulic Push Pointer


Sizing Mill


Walking Hearth Furnance


20 MT Draw Bench


Pilger


10 Roll Straightener


Bright Annealing Furnace

Our Clients



GLOBAL SEAMLESS

A Company Committed to Its Customers, Its People, Its Community and to Its Environment

India Office

Kolkata (Head Office)

Plot — Y9, 3rd Floor, EP Block
Sector — V, Salt Lake City,
Bidhannagar, Kolkata - 700091
WB, India

Mumbai

Building No. A-1, Sector 1
9th Floor - Office No. 919
Millennium Business Park
Mahape, Navi Mumbai, 400710

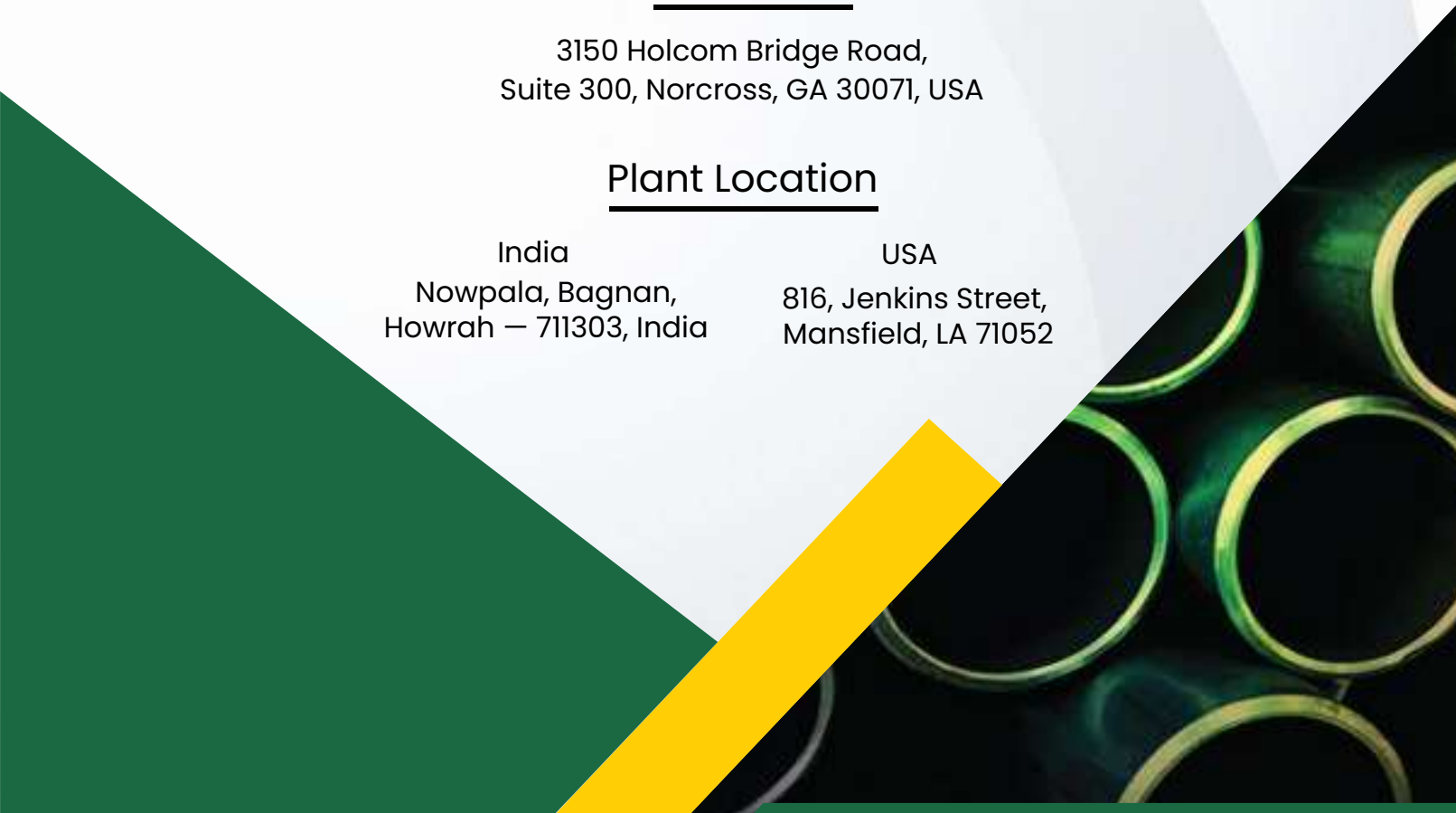
USA Office

3150 Holcom Bridge Road,
Suite 300, Norcross, GA 30071, USA

Plant Location

India
Nowpala, Bagnan,
Howrah — 711303, India

USA
816, Jenkins Street,
Mansfield, LA 71052



sales@globalseamless.com
www.globalseamless.com