ERW - Round, Square
& Section Tubes

CDW - Tubes specially for
Automotive purpose

Clean Bore, Cylinder Bore,
Hydraulic Cylinder,
Profiles Tubes

Boiler/APH & Fuel Line Tubes.

Goodluck Industries

(A Unit of Goodluck India Limited)

A Govt. of India Recognized Export House

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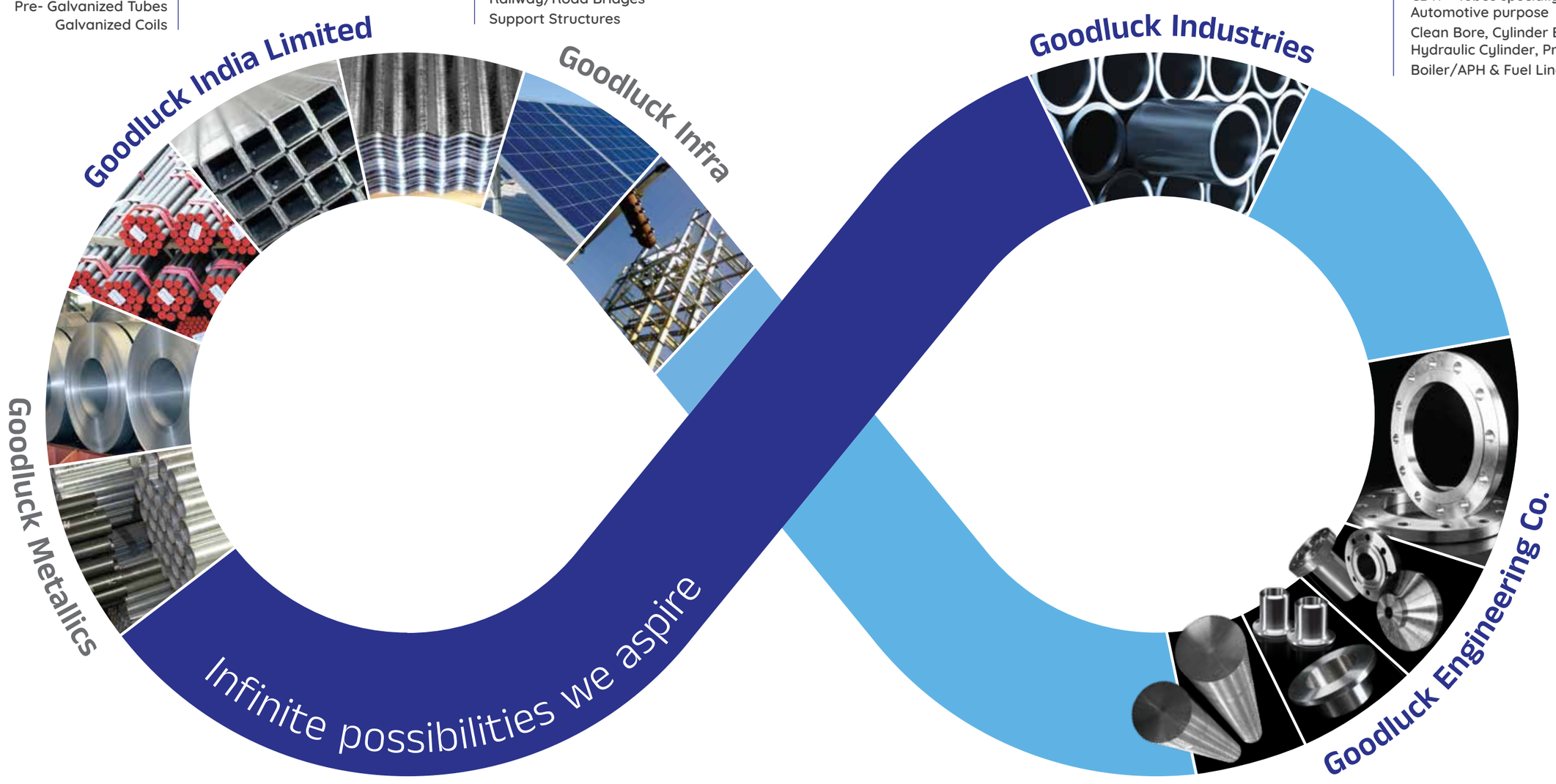
GOODLUCK
Goodluck Industries

A versatile business group with **strong foundation**

ERW Black/Painted
Galvanized Pipes & Tubes
(Rounds & Sections)
Pre- Galvanized Tubes
Galvanized Coils

Transmission & Telecom Towers
Fabricated Steel Structures
Railway/Road Bridges
Support Structures

ERW - Round, Square
& Section Tubes
CDW - Tubes specially for
Automotive purpose
Clean Bore, Cylinder Bore,
Hydraulic Cylinder, Profiles Tubes
Boiler/APH & Fuel Line Tubes.



Flanges
Forged Bars
Stubends/Collars
Custom Forgings

Goodluck India Group is a manufacturer and exporter of wide range of ERW Hot Dip Galvanized Pipes, Black Pipes, Black & GI Hollow Sections, CR Coils, CRCA, Galvanized Plain & Corrugated Sheets, ERW Precision & CDW Tubes, Power & Telecom Towers, Solar Structures, Forged Flanges and Custom Forgings. The company was established three decades ago.

With its innovative and progressive approach, the group today is one of the leading and fastest business groups in the Steel Industry. An ISO-9001, AS 9100D, IATF-16949, ISO-14001 & OH&SMS-45001 & CE certified organization, Goodluck India Group operates under five verticals; Goodluck India Limited, Goodluck Industries, Goodluck Engineering Co., Goodluck Metallics & Goodluck Infra.

Our Journey

1986 — Incorporated Pvt. Ltd. Company

1987 — First plant commissioned

1994 — Converted in to Public Ltd. Co.

1995 — Got listed on Stock Exchange

1997 — Capacity enhanced to 50000 MTPA

2003 — Turnover crossed 1,500 mn

2006 — Commissioned First Forging Plant

2007 — First Plant Commissioned for ERW/CDW Precision Tubes

2009 — Turnover crossed INR 5,000 Mn

2013 — Turnover crossed INR 10,000 Mn

2014 — Commissioned another plant for ERW/CDW Precision Tubes

2015 — Expanded Engineering structured products to high growth sectors like solar and railways

2016 — Company changed name to Goodluck India Ltd.

2018 — Commissioned Kachchh Plant for ERW Precision Tubes

2022 — Turnover crossed – INR 2500 crore (330M USD) Export Turnover crossed – INR 1200 Crore (159M USD)

2023-24 — Incorporated whollyowned subsidiary, Goodluck Defence and Aerospace Pvt. Ltd. to strengthen presence in defence sector exclusively. Also added New Facilityfor Larger Diameter Cold Drawn Welded Tubes

Achieve the extraordinary

Life is too short to settle for the ordinary. So we commit to doing something singular, something unexpected, something no one else has done or dared to do.

Make it fun

We work hard and we play hard. Life is short, so we might as well make it a fun ride.

Show up curious

Curiosity can take you places! Thinking differently is in our DNA. We work to challenge one another to push boundaries and think beyond the box.

Change lives

We have one chance to make a difference — for our customers, our teammates, our partners, our neighbours, ourselves — and we are here to seize it.

Focus on focus

Even when things get hectic, we never lose sight of our goals. We execute on the details. We take pride in our work.

Manufacturing innovation.
Excellent quality.

Championing the tube & tubular sections making technology

It's all about in-time delivery

Goodluck Industries

Goodluck Industries is an IATF-16949 certified company and Government of India Recognized three-star export house. Incepted in year 2007, this company has made its presence worldwide in the field of ERW/CDW Precision Tubes. For various applications in the field of Automotive Industries, Bicycle Industry, General Engineering, Textile Industry, Boilers, Air-Heaters, Hydraulic Cylinder, Non-automotive Tubes for Cylinders of Heavy Earth Movers & JCB, Tubes for Tractor Parts etc.

We are manufacturing ERW & CEW Tubes, Galvanized Pipes & Tubes, Round, Section, Square as per various National / International Standards. Our products are regularly inspected by various third-party inspection agencies both from National & International sectors viz. SGS, Bureau Veritas, Lloyds, QSS, CROWN, TUV, etc.

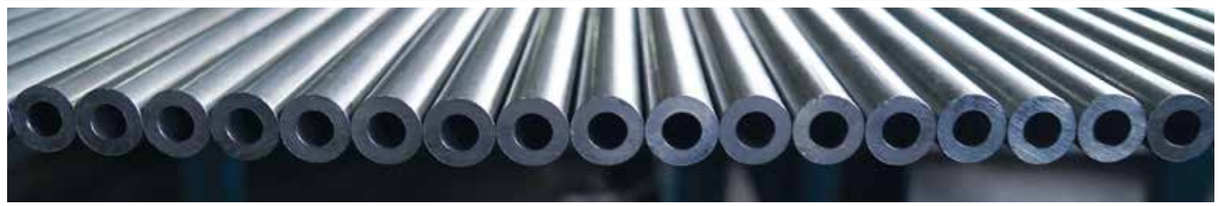
Goodluck Metallics

(Unit of Goodluck India Ltd.)

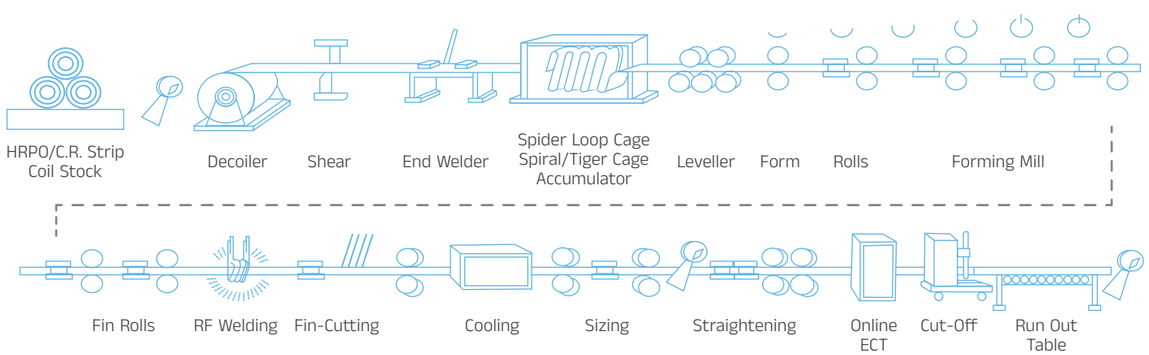
In order to meet the growing demand of Steel Tubes & Pipes in both domestic as well as international market and to be more competitive internationally, the group has set up a new Export focused facility under its subsidiary name Goodluck Metallics at Kachchh, (west coast of India) in State of Gujarat close to India's premium international sea ports - Mundra and Kandla. The new ISO 9001 certified facility have added 1,20,000 MT per annum to our existing capacities and its strategic location; close to the port; will help the company to overcome global competition. We can proudly say that today Goodluck Metallics is one of the best ERW mills in India and is exporting to over 100 destinations across the Globe every month.

Manufacturing process

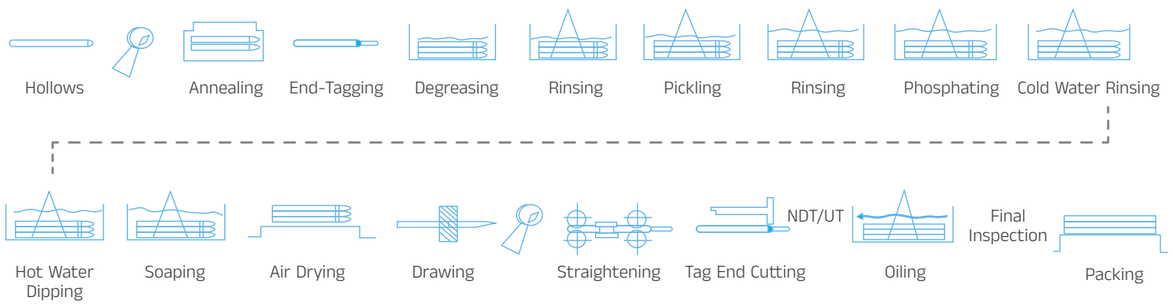
Electrical resistance welded &
cold drawn precision tubes process



ERW Tube Process Sequence



Cold Drawing Sequence



In-Process Inspection

Well-defined processes, timely delivery

Benefit from our experience

Sectional tube of rectangular or square sections may be achieved through specially-designed contoured rolls. Cold saw installed at the tube mill cuts the tube with close tolerance giving burr free & dimple free tube ends. The ERW precision tubes thus produced are collected in the turn-table.

For special applications, the tubes are required to undergo a series of additional processes like annealing, pressure testing, eddy current testing, straightening or further cutting as per customer's requirements.

The facilities for special applications include the modern draw benches for manufacture of CDW precision tubes of close tolerances with a wide range.

CDW tubes are produced by drawing the ERW tubes from the tube mills through a plug and die combination, mounted on the draw bench. The tubes which are end-tagged after annealing, are drawn through a closely-machined die, which controls the outside diameter of the tubes. And simultaneously passes over a plug that controls its inside diameter.

The tubes thus produced are further processed by the downstream facilities available at our manufacturing plant, for a variety of end applications. These include the high precision cylinder tubes, front fork tubes for auto industry, cylinder bore tubes for shock absorber industry or tubes for pressure application as in boilers.

Comprehensive manufacturing program range

Trusted lifetime partner for success

CEW-ROUND Tubes Product Range

mm	mm	Final Thickness Range																																									
Tube OD Min	Tube OD Max	0.89	1.00	1.20	1.40	1.60	1.80	2.00	2.10	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.10	4.20	4.40	4.60	4.80	5.00	5.10	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.50	8.00	8.50	9.50
8.99	11.10	■	■	■	■	■	■	■	■																																
11.13	12.68	■	■	■	■	■	■	■	■	■	■																														
12.70	14.28	■	■	■	■	■	■	■	■	■	■	■	■	■	■																										
14.30	15.85	■	■	■	■	■	■	■	■	■	■	■	■	■	■																										
15.88	19.03	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																								
19.05	20.60	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																				
20.62	23.78	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																		
23.80	27.03	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																
27.05	31.12	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■											
31.14	33.33	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■											
33.35	38.10		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■											
38.13	39.70		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■											
39.73	42.85		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■											
42.88	45.24		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
45.26	47.35		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
47.37	49.20		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
49.23	52.38		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
52.40	60.33					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
60.35	66.68					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
66.70	76.20					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
76.23	83.00					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
83.01	88.50					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					
88.51	95.25					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					
95.28	100.60					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					
101.70	108.00					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					
108.00	110.00							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																
110.00	115.00							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																
115.00	120.00							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																

ERW-ROUND Tubes Product Range

mm	Thickness																																									
Tube OD	1.20	1.50	1.60	1.80	1.90	2.00	2.30	2.50	3.00	3.50	4.00	4.50	4.80	5.00	5.20	5.50	5.80	6.00	6.30	6.40	6.50	7.00	7.50	8.00	8.50	9.00	9.50															
17.93	■	■	■	■	■	■																																			
19.05	■	■	■	■	■	■	■																																		
20.00	■	■	■	■	■	■	■																																		
22.23	■	■	■	■	■	■	■	■																																	
25.40	■	■	■	■	■	■	■	■	■	■																															
26.90	■	■	■	■	■	■	■	■																																	
28.58	■	■	■	■	■	■	■	■	■	■																															
30.00	■	■	■	■	■	■	■	■	■	■																															
31.75	■	■	■	■	■	■	■	■	■	■	■	■																														
33.70			■	■	■	■	■	■	■	■	■	■	■	■																												
34.93	■	■	■	■	■	■	■	■	■	■	■	■	■																													
38.10	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																									
40.00	■	■	■	■	■	■	■	■	■	■	■	■	■	■																											
41.28	■	■	■	■	■	■	■	■	■	■	■	■	■	■																											
42.40				■	■	■	■	■	■	■	■	■	■	■	■	■	■																								
44.45	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																							
45.00	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																							
46.86	■	■	■	■	■	■	■	■	■																																
48.30				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																							
48.60	■	■	■	■	■	■	■	■	■	■	■	■	■	■																											
50.80	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																				
54.00	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																							
55.56						■	■	■	■	■	■																															
57.15	■	■	■	■	■	■	■	■	■	■	■	■	■	■																											
60.30	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																		
63.50	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																		
70.00				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																				
73.00		■	■	■	■	■	■	■	■	■	■	■	■	■	■																										
76.20		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																	
81.20		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																				
84.54				■	■	■	■	■	■																																
88.90				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■														
95.75								■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■														
100.38				■	■	■	■	■	■																																
101.60				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■														
108.00						■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■														
114.30						■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■																	
120.00						■	■	■	■																																
121.00						■	■	■	■																																
127.00							■	■	■	■	■	■	■	■	■	■	■	■	■																						

ERW rectangle and square tube

Product range

Rectangle Tube Product Range

(Section Tubes - Rectangle) (1.2 to 5.0 THK, 28.58 to 108.00 OD)

mm	mm	Thickness													
Section	Tube OD	1.20	1.50	1.60	1.80	1.90	2.00	2.30	2.50	3.00	3.50	4.00	4.50	4.80	5.00
30x14	28.58	■	■	■	■	■	■								
30x20	31.75	■	■	■	■	■	■	■	■						
32x19	31.75	■	■	■	■	■	■	■	■						
40x20	38.1	■	■	■	■	■	■	■	■						
40x25	41.28	■	■	■	■	■	■	■	■	■					
40x30	44.45						■	■	■	■	■				
45x45	57.15	■	■	■	■	■	■	■	■	■	■				
50.8x38.1	57.15	■	■	■	■	■	■	■	■	■	■				
50x30	50.8	■	■	■	■	■	■	■	■	■	■				
50x40	57.15	■	■	■	■	■	■	■	■	■	■				
60x40	63.5	■	■	■	■	■	■	■	■	■	■	■			
71.75x55.75	81.2								■	■	■				
80x40	76.2						■	■	■	■	■	■	■		
80x50	81.2	■	■	■	■	■	■	■	■	■	■	■	■		
85x44	81.2								■	■	■	■			
90x50	88.9				■	■	■	■	■	■	■	■			
100x80	114.6								■	■	■	■			
90x90	114.6								■	■	■	■			
100x100	127.3								■	■	■	■	■		
115x60	108				■	■	■	■	■	■	■	■	■	■	■
120x80	127									■	■	■	■	■	■

Square Tube Product Range

(Section Tubes - Square) (1.2 to 6.0 THK, 31.75 to 101.60 OD)

mm	mm	Thickness															
Section	Tube OD	1.20	1.50	1.60	1.80	1.90	2.00	2.30	2.50	3.00	3.50	4.00	4.50	4.80	5.00	5.50	5.80	6.00
20x20	25.40	■	■	■	■	■	■	■	■									
25x25	31.75	■	■	■	■	■	■	■	■	■								
30x30	38.10	■	■	■	■	■	■	■	■	■	■							
35x35	44.45	■	■	■	■	■	■	■	■	■	■							
40x40	50.80	■	■	■	■	■	■	■	■	■	■	■						
50x50	63.50	■	■	■	■	■	■	■	■	■	■	■	■					
60x60	76.20	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
70x70	88.90	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
80x80	101.60			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
90x90	114.6								■	■	■	■						
100x100	127.3								■	■	■	■	■					

Specifications of Tubes

Equivalent Standards for tube manufacturing

EQ Standards	Indian (IS)	British (BS)	Japanese (JIS)	German (DIN)	American (ASTM)	European (EN)	Customer Specification
Product Type							
Automobile tube	IS 3074	BS 6323	G 3445	DIN 2393, DIN 2394	A 513	EN 10305-2 & 3	
Propeller shaft tube	IS 3074						Yes
Shock absorber tube	IS 3074		G 3452	DIN 2393	A 513		Yes
TFF tube							Yes
* Hydraulic cylinder tube						EN 10305-6	
Section / Structural tube	IS 4923, IS 1161		G 3466		A 500	EN 10305-5	
Bicycle tube	IS 2039	BS 1717	G 3445				
General engg. Tube	IS 3601	BS 6323	G 3445	DIN 2393			
Boiler tube	IS 1914	BS 3059	G 3461		A 53, A 214		
Air heated tube	IS 3601	BS 6323	G 3461		A 214		
Bobin textile tubes							Yes
Heat exchanger tube		BS 3606	G 3461	DIN 17177	A 178, A 214		

1) All Above specifications shall be applicable as per latest editions
2) *Product can be supplied in H9 tolerence as per applicability
3) Product can be supplied in ERW and CEW tubes as per requirements
4) Supplying conditions are as rolled, as drawn, as annealed and as normalized (Bright Surface)
5) Grades for JIS G3445 – STKM11A, STKM 12A/B/C, & STKM 13A/B/C

Mechanical tubing

ASTM A513

Size Chart - Mechanical Tubing (ASTM A513)

	1020								1026							
OD / WT	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.156	0.180	0.189	0.200	0.220	0.251	0.282	0.313
	0.048	0.064	0.082	0.094	0.108	0.119	0.133	0.155	0.179	0.188	0.199	0.219	0.250	0.281	0.313	0.375
0.313 - 0.374"	■	■	■													
0.375 - 0.437"	■	■	■	■												
0.438 - 0.499"	■	■	■	■	■	■										
0.500 - 0.562"	■	■	■	■	■	■	■	■								
0.563 - 0.624"	■	■	■	■	■	■	■	■								
0.625 - 0.749"	■	■	■	■	■	■	■	■	■	■	■					
0.750 - 0.874"	■	■	■	■	■	■	■	■	■	■	■	■				
0.875 - 0.999"	■	■	■	■	■	■	■	■	■	■	■	■				
1.000 - 1.124"	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
1.125 - 1.249"	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
1.250 - 1.374"	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
1.375 - 1.499"	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
1.500 - 1.624"	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
1.625 - 1.749"	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
1.750 - 1.874"		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1.875 - 1.999"		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2.000 - 2.625"		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2.626 - 2.999"			■	■	■	■	■	■	■	■	■	■	■	■	■	■
3.000 - 3.250"			■	■	■	■	■	■	■	■	■	■	■	■	■	■
3.251 - 3.499"			■	■	■	■	■	■	■	■	■	■	■			
3.500 - 3.999"			■	■	■	■	■	■	■	■	■	■	■			
4.000 - 4.250"			■	■	■	■	■	■	■	■	■	■	■			
4.251 - 4.500"			■	■	■	■	■	■	■	■	■	■	■			
4.501 - 4.750"			■	■	■	■	■	■	■	■	■	■	■			

BLM Machine Tube Cutting Range

Outside Diameter	:	16.00 to 80.00mm
Wall Thickness	:	0.89 to 6.80mm
Length	:	32.00 to 300.00mm

Hydraulic Cylinder Tube Range

Outside Diameter	:	25.00 to 100.00mm
Wall Thickness	:	5.00 to 7.50mm
Final Surface Condition	:	Oil Drawn/As Drawn/ Stress Released

Existing & New Range

ERW Precision Tubes

Existing Range

OD	17.93 mm - 127.00 mm
Thk	88.90 mm - 10.50 mm

New Range

After Large Diameter Plant (June 2024)

OD	220 mm Max
Thk	15 mm Max

Cold Drawn Welded Tubes

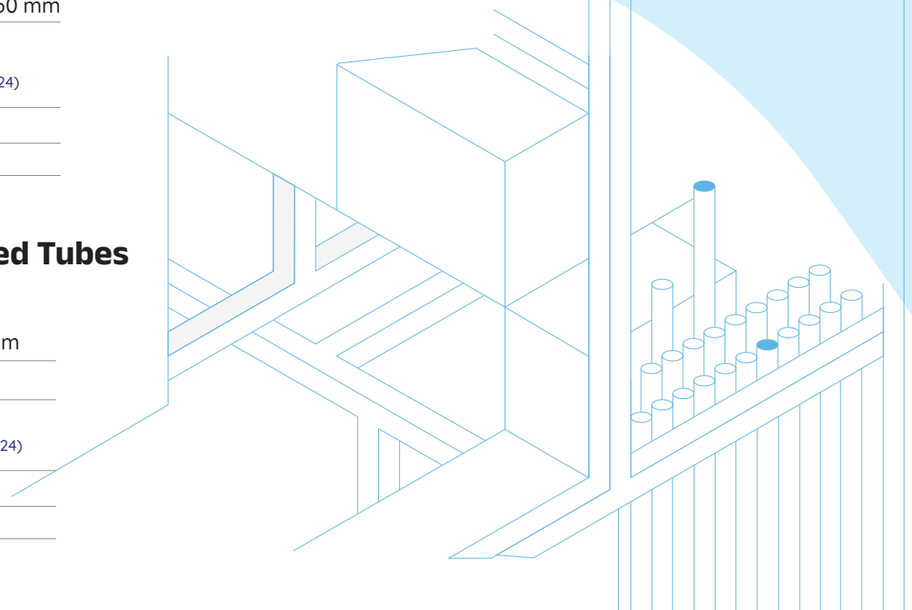
Existing Range

OD	8.00 - 120.00 mm
Thk	0.90 - 9.50 mm

New Range

After Large Diameter Plant (June 2024)

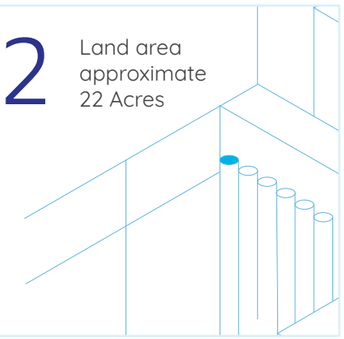
190 mm Max
14 mm Max



CDW & ERW Precision Tubes Expansion Plan

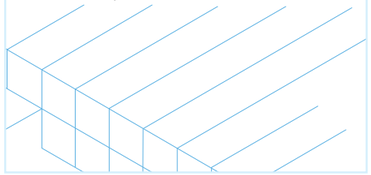
1. Goodluck Industries is under progress to establish a new Set-up for large Diameter ERW/CDW Precision Tubes for Hydraulic cylinder tubing's, Construction and Farm Equipments and Various Automotive Applications.

2. Land area approximate 22 Acres



3. This Plant will be producing CDW 30000 Tons / PA and ERW up to 60000 Tons /PA.

4. New Facility will be operational by Apr-Jun24.



5. This Plant will have capability to Produce 220 mm OD and 15 mm Thickness in ERW Tube and 190 mm OD and 14 mm Thickness in CDW Tube.

6. In this Plant The special feature is online and Offline Eddy and UT testing alongwith Offline Magnetic Resonance Testing facility.

Plant and Machinery Details and Features of New Plant

- **HRPO Line**
  Total capacity is **180000 tons/annum.**
- **Slitting Line**
  Slitter with slitting capability **upto 16 mm.**
- **Inbuilt HKS Weld scanner**
- **Inbuilt Edge Milling Facility**
- **Tube Mill**
  Rolling Capability upto **220 mm Diameter** & **Thickness upto 15 mm.**
- **Tube Mill Welder**
  Solid state HF welder of Inductotherm-USA Make. Capability **1000 KVA,** with **Auto process parameters control, Data storage** and **Alarm system.**
- **On line ECT Machine**
  Make - Technofour-India. Specialty- in place of individual tube size Test Head, Segmental type tube heads for all tube sizes.
- **On line UT Machine**
  Make-MAG-USA. Specialty- in place of individual tube size Test Head, Segmental type tube heads for all tube sizes.
- **Tube Mill is having Auto cut off system: Make-Five from Italy.**
- **Tube Mill is having online Chamfering M/c**
- **Bright Annealing Roller Hearth Furnace**
  Make-ACE, equipped with PSA N2 Plant, capacity 4 MT/Hrs.
- **Surface Treatment Plant**
  Make-GW with auto control of dip time and shifting by transport wagon system with SCADA control.
- **250 Ton Integrated line**
  (From Push Pointer to Straightening) with 250 Tons Draw Bench
- **180 Ton Integrated line**
  (From Push Pointer to Straightening) with 180 Tons Draw Bench
- **Magnetic Resonance Testing (MRT) Machine**
- **Automatic Packaging Machine**
- **Automatic Packaging Machine**
- Continual Link with Cutting than ECT & finishing machine to reduce material handling. This is procured from KANTAI Taiwan. Auto Recording of Measurement in Final Inspection Stage

ERW-ROUND Tubes Range LDP

mm															
Tube OD	4.000	5.000	6.000	7.000	7.500	8.000	8.500	9.000	9.500	10.000	11.000	12.000	13.000	14.000	15.000
88.900															
101.600															
108.000															
114.300															
127.000															
139.700															
152.400															
168.275															
177.800															
193.675															
203.200															
219.600															

CDW-ROUND Tubes Range LDP

mm														
Tube OD	3.000	4.000	5.000	6.000	6.500	7.000	7.500	8.000	9.000	9.500	10.000	11.000	12.000	13.000	14.000
76.200															
88.900															
101.600															
107.950															
114.300															
127.000															
139.700															
152.400															
168.275															
177.800															
193.675															
203.200															

Overview of Hydraulic Cylinder Tubes

Product Name: Hydraulic Cylinder Tube

Suitable for (1) Ready to use (H9), (2) Skiving, Roller Burnishing & Honing (HPZ), (3) Chrome Plating

A hydraulic cylinder tube is a precision-made hollow cylinder, typically constructed from steel or other high-strength materials (E355), and designed for use in hydraulic systems. It is usually made of cold drawn welded tubes (DOM). Hydraulic cylinder tubes are usually used to produce hydraulic cylinder body, so it is called hydraulic cylinder barrel. H9 tubing is primarily used to improve the geometric form of a surface and the surface texture.

Product Standard

H9 hydraulic cylinder tube is usually produced according to norms as EN10305-2, ASTM A513, etc on customer's request.

Size Range

We manufacture honed tubes in metric dimensions size range from O.D 50 mm to O.D 200 mm,
Wall thickness 3.0 – 14.0 mm

Carbon Steel Hydraulic Cylinder Tubing is available with grades as below

- E355
  Other steel grades of H9 tube is available on customer's request.

Advantages of Hydraulic Cylinder Tube

- High precision tolerances, as per EN10305-2 / Client requirement
- Smooth inside surface for H9 – The ID roughness requirement is Max Ra 0.8, we can maintain the same well within 0.4 Ra max, or as per client requirement.
- Flexible order quantity: we accept small quantity orders, even if there is only ten piece of hydraulic cylinder tubing we can produce and supply.
- Good weld-ability: The weld-ability of these tubing is very good, this is quite helpful for manufacturing the cylinders.

Main Applications of Hydraulic Cylinder Tubing

These tubing are mostly used as cylinder tube, such as hydraulic cylinder tube, which are widely used for manufacturing and repairing hydraulic cylinders. As H9 tube usually has very high dimension tolerance and good surface smoothness, so this product is also used in applications where precision dimension or high smooth surface is need. For examples, H9 tubes are suitable for various kinds of Precision Mechanical Tube, Cylinder Tubing and Hydraulic Cylinder, Construct use Multi Joint Tube, Steel Axis Pipe, Injection Machine and Robotic Arm, and so on.

Below is the chemical composition & mechanical properties of the main steel grades for honed cylinder tube.

Grade	Chemistry	%	Yield	Tensile	Elongation	Typical Hardness
			MPa	MPa	% in 2" section	Min
E355 ST52.3	Carbon	0.220 Max	-	640	4	HRB-80
	Mn	1.600 Max				
	P	0.035 Max				
	S	0.035 Max				

Specification of other steel grades can be provided upon customers' request.

Hydraulic Tubing Tolerance Standard (Metric Size)

H9 ID tubing can be supplied with ID tolerance of H9, H10 and H11 depends on customers' request and its dimension.
Here below is the detailed Inside Diameter (ID) tolerance values.

Inner Diameter	Inner Diameter Tolerance			Honed Tube Wall Thickness Tolerance
	H9	H10	H11	
30	+ 0.052 0	+ 0.084 0	+ 0.130 0	
> 30-50	+ 0.062 0	+ 0.100 0	+ 0.160 0	
> 50-80	+ 0.074 0	+ 0.120 0	+ 0.190 0	
> 80-100	+ 0.087 0	+ 0.140 0	+ 0.220 0	
> 100-120	+ 0.087 0	+ 0.140 0	+ 0.220 0	±5%
> 120-140	+ 0.100 0	+ 0.160 0	+ 0.250 0	
> 140-160	+ 0.100 0	+ 0.160 0	+ 0.250 0	
> 160-180	+ 0.100 0	+ 0.160 0	+ 0.250 0	
> 180-200	+ 0.115 0	+ 0.185 0	+ 0.290 0	

Outside Diameter Tolerance:
For the O.D tolerance of the honed steel tubing, we can follow the corresponding standards as EN10305-2, ASTM A513, etc. or upon customers' request.

Hydraulic Cylinder Tube are Manufactured In Full Range of Metric Sizes.

- We manufacture honed tubes in metric dimensions size range from O.D 50 mm to O.D 200 mm, Wall thickness 3.0 – 14.0 mm. We can also produce in imperial size.
- Length: We supply our metric size tube with random length or fixed length up to 11 meters.

Here below is the chart list of Metric Tubing - New Range

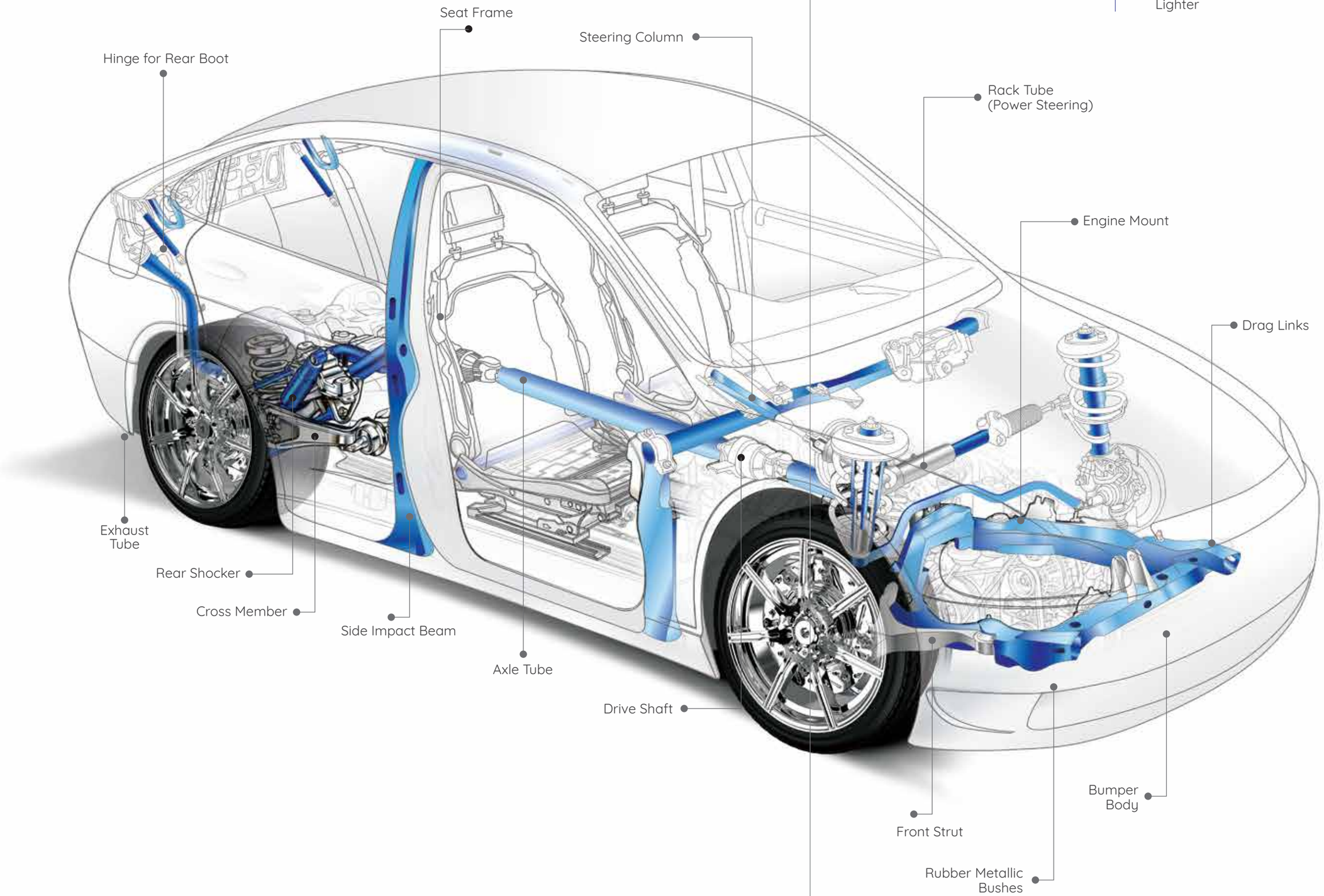
Hydraulic Cylinder Size Chart

OD Wall	3.00	4.00	5.00	6.00	6.35	7.00	7.50	8.00	9.00	10.00	11.00	12.00	13.00	14.00
50.00														
50.80														
55.00														
60.00														
60.30														
62.00														
63.50														
65.00														
70.00														
73.00														
75.00														
76.20														
78.00														
80.00														
82.00														
83.00														
85.00														
88.90														
90.00														
92.00														
95.00														
95.25														
100.00														
105.00														
110.00														
115.00														
120.00														
130.00														
140.00														
150.00														
160.00														
170.00														
180.00														
190.00														
200.00														

Existing size range New size range

Precision tubes for applications that demand accuracy

Key provider for auto industry



Boilers and Heaters

- Chemical/Sugar Industry
- Super Heater
- Paper/Process Industry
- Air Pre Heater
- Heat Exchanger

General Engineering

- Bearings and Spindles, Trolley Handles Hydraulic and Pneumatic Line, Electrical Conduit
- Oxygen Lancing Pipes, Cycle Pumps, Industrial Chain Roller, Gas Stove Lighter
- Electrostatic Precipitations
- Textile Frames and Bobbins
- Main Beam for Pedestal Fans
- Hydraulic Cylinder

Precision tubes for applications that demand accuracy

Key provider for Two-wheeler industry

Automobiles

- Front Fork Top / Bottom
- Steering Column
- Two-wheeler Main Frame
- Bottom Chassis
- Fuel Tank Spacer
- Swing Arm
- Propeller Shaft
- Seat Frame
- Tie Rod
- Rocker Arm Shaft
- Catalytic Converter
- Fuel Injection
- Side Impact Beams
- Four Wheeler Dash Board Frame
- Shock Absorber
- Silent Blocks
- Control Arms
- Gear Shift Lever

Recognized by experts

Certifications

Quality Assurance begins at the raw material stage itself. Material is inspected for chemical composition and tested for other parameters like mechanical properties, gauge variation etc. for a total evaluation of the raw material to ascertain its suitability for the intended end-use applications. At the surface-pickling operations, the material is checked for surface finish before it is fed into tube mills.

At the tube mills, each product for the customer is processed according to the norms sequenced by the process control engineers based on stringent international standards and monitored through uncompromising quality control tests at every stage.

Towards this purpose, the engineers are guided by the latest equipment at our R&D centre that includes Leco Carbon apparatus, scanning electron microscope, atomic absorption emission spectrophotometer, universal microscope and micro hardness tester. These facilitate all the requirement metallurgical tests on the materials.


bsi.

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that: Good Luck Industries, A-51, Industrial Area, Sikandrabad, Distt. Bulandshahar, Uttar Pradesh, India

Hiltis Certificate No: **EMS 607465**

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

The Manufacture of Electric Resistance Welded (ERW) and Cold Drawn Welded (CDW) Steel Tubes.

For and on behalf of BSI: Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2013-12-10 Effective Date: 2019-11-17
Latest Revision Date: 2019-10-07 Expiry Date: 2022-11-16

Page: 1 of 2

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Certificate of Registration

QUALITY MANAGEMENT SYSTEM - IATF 16949:2016

This is to certify that: Good Luck Industries, A-51, Industrial Area, Sikandrabad, Distt. Bulandshahar, Uttar Pradesh, India

operates a Quality Management System which complies with the requirements of IATF 16949:2016 for the following scope:

The Manufacture of Electric Resistance Welded Steel Tubes and Cold Drawn Welded Tubes.

Permitted exclusions: Product Design.

For and on behalf of BSI: Theuns Kotzé, Managing Director - EMEA Assurance

BSI Certificate Number: 573111
IATF Number: 0394796

Page: 1 of 2

Certification Date: 2020-04-10 Latest Issue: 2020-04-10 Expiry Date: 2024-04-09

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bsi.

Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that: Good Luck Industries, A-51, Industrial Area, Sikandrabad, Distt. Bulandshahar, Uttar Pradesh, India

Hiltis Certificate No: **OHS 607466**

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:

The Manufacture of Electric Resistance Welded (ERW) and Cold Drawn Welded (CDW) Steel Tubes.

For and on behalf of BSI: Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2013-12-10 Effective Date: 2019-11-17
Latest Revision Date: 2019-10-07 Expiry Date: 2022-11-16

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EURO CERT

CERTIFICATE

GOOD LUCK INDUSTRIES
A-51 & A-59, Sikandrabad Industrial Area, Distt. Bulandshahr - 203205, Uttar Pradesh, India

This is to certify that, upon the relevant request of the applicant, EUROCERT as Third Party Authority has certified that the above manufacturer implements, operates and maintains a Quality Assurance System in accordance with the Pressure Equipment Directive 2014/68/EU (PED) Annex I, Paragraph 4.2 as Material Manufacturer for the scope of Manufacture of Electric Resistance Welded Tubes (ERW) and Cold Drawn Welded Tubes (CDW).

Relevant products covered by this certificate are listed in ANNEX A to this certificate.

The manufacturer is, therefore, authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment Directive 2014/68/EU and applied technical specifications.

Possible additional requirements specific to applied technical specifications to meet PED Annex I are not affected.

The validity of this certificate is subject to a valid certification in accordance with ISO 9001:2015 with a related to production of materials for pressure equipment scope.

This certificate remains valid only when the organisation passes the annual surveillance audits.

Awards & Recognition

Achieving excellence

Hon'ble Ex Commerce Minister (Govt. of India) Presenting Award to **Shri M. C. Garg (CMD)**

Winners of **Award** for **Excellence** in **Exports** for Northern Region from Engineering Export Promotion Council for the last three years.

We have won major certifications from EEPC for our exports to major global destinations.

Also won **Silver Trophy** for two consecutive years from Federation of Indian Export Organization.

Testing Facility

- Ultra Sonic Testing
- Eddy Current Testing (On Line and Off Line)
- Spectrometer for chemical analysis
- Computerized Mechanical testing (Yield Strength, Tensile Strength, % Elongation)
- Digital Hardness Tester
- Hydro tester
- Surface roughness measurement
- Impact test at ambient temperature and up to minus 40°C
- Profile projector
- Metallographic tests
- Salt spray test

Packaging

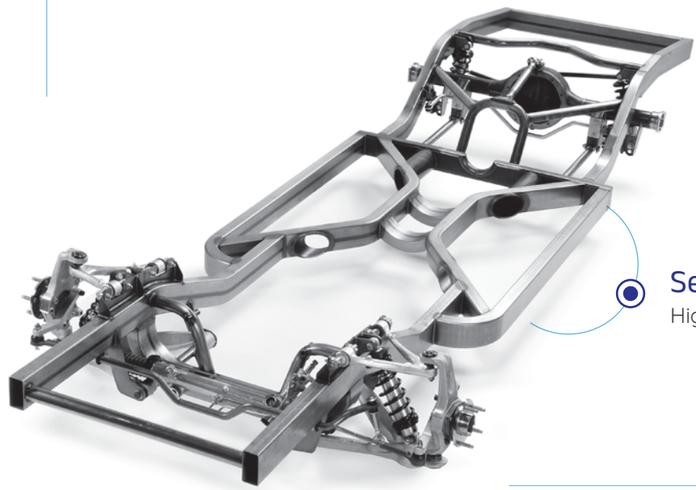
- Fully-automatic wrapping machine for tube bundles
- Internal and external oiling
- Plastic end caps at both ends on need basis
- Box packing as per customer requirement

The highest focus on engineering excellence

Playing our role in transporting resources, assisting development

Front Strut Tube

High strength with
closer tolerance



Section Tube for Chassis

High strength with close dimension

Drive Shaft

High strength with
dimensional control

Hydraulic Cylinder Tube

High strength tubes
high surface finish
H-9 tolerance

Rack Tube

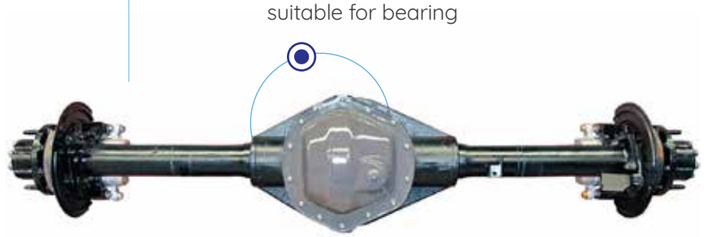
Closer dimensional tolerance
with high surface finish
used in power steering cylinder

Front Fork Tube

Close dimensional
tolerance high strength &
fatigue life material
SAE - 1541 / SAE - 1536 HT

Rear Axle

High strength tube
suitable for bearing



Two-wheeler frame

tubes with Micro alloyed
high strength steel

Boiler Tube

IBR certified tubes
for boiler applications

Our production prowess helps industries grow

From construction to farm equipment, we cater to a diverse range of industries.

Compactors

OTOC
Line Pipe

Tippers

Tower Cranes

Die Casting
Machine

Hydraulic
Cylinder

OTOC Line Pipe

Fork Lift

Construction
Equipment

Farm
Equipments

Mining Equipment

Mobile Cranes

Slurry Conveying
Pipes

OCTG Pipes

Scissors Lift

A few of our customers

Our global reach

Ashok Leyland	Audi	Bajaj Motorcycles	BMW	Bridgestone	Skoda Auto
BWI Group	Caterpillar	Continental Contitech	Daimler	Endurance Complete Solutions	KTM
Force Motors	GM	Gabriel	ISGEC	JCB	Mahindra Sport Utility Vehicles
John Deere	KYB Our Precision, Your Advantage	LMW	Magneti Marelli	Mahindra Rise.	Shaktiman
Maruti Suzuki	Mercedes-Benz	Munjal Showa	nexteer Automotive	Range Rover	wipro
Renault	ELG Chromium Plating	SML Isuzu	talbros	Tata Motors	Dantal Hydraulics
Tenneco	Tesla	Thermax	ThyssenKrupp	Toyota	Giuliani Moving Forward
TVS	voestalpine	Volkswagen	Yamaha	CNH Industrial	Bicelli
ognibene power	CS Centrostal Szczecinek	CMC	Sigma vibracoustic	ACE	Wintrade

USA, Austria, South Africa, Australia, UK, Poland, Spain

Germany, Mexico, Malaysia, Italy, Thailand, Netherland, Indonesia

France, Qatar, Canada, Saudi Arabia, Norway, Greece, Oman

450
Customers

Customers spread across the world

100
Countries

Customers served globally across all business verticals

3500+
Workforce

A motivated and talented team powering growth

35
Years

Over three decades of consistent growth and progress

World-class manufacturing facility

Clean Energy & Climate Action

has never been more urgent.

Goodluck as a group
is striving to bring new means for long term sustainability solutions in manufacturing.

Solar

In process of installing solar panel on the rooftop giving long term sustainable solution for lightning for plants and offices.

Water

With abundance of rain, rainwater harvesting is one of the most important solutions to the water issue of the future particularly in the developing world.

Offices & Plants

Climate neutral design of offices have been completed for use of more natural lights and increasing green space across all factories.

Being a part of a conscious society, Goodluck ensures that the necessary steps are well taken to protect the environment for future generations to come and keep on pursuing newer ideas and technology implementations.

India is our home & the world, our playground

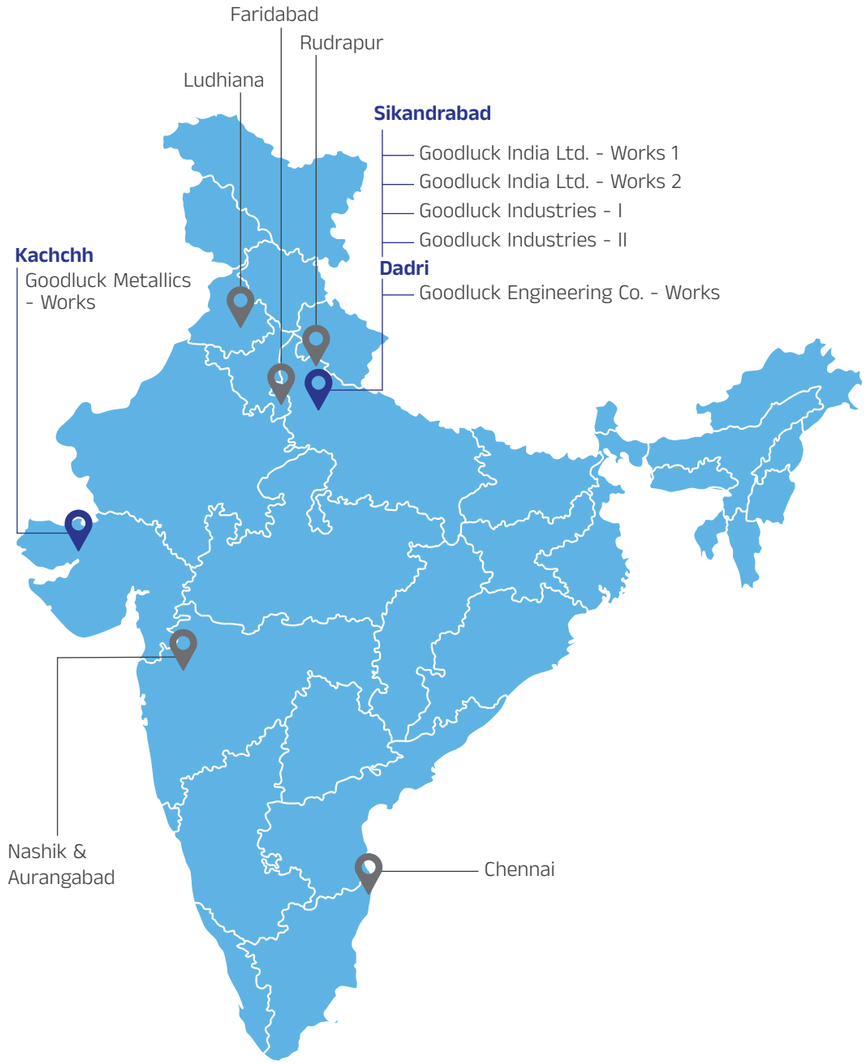
Export to over 100 countries worldwide

AUSTRALIA
BELGIUM
BOLIVIA
BRAZIL
CANADA
CHILE
FRANCE
GERMANY
KINGDOM OF SAUDI ARABIA
NEW ZEALAND
NIGERIA
OMAN
SINGAPORE
SOUTH AFRICA
SWEDEN
UNITED STATES OF AMERICA
UNITED ARAB EMIRATES
UNITED KINGDOM

AND TO MORE THAN 100 COUNTRIES...

World-class manufacturing facility in India

With **6 manufacturing facilities** spread across India, we are a part of India's export growth story for products that are vital to several sectors.



Manufacturing Plant

Warehouse