

STAINLESS STEEL WIRE RODS



CAPACITY
3,00,000 TPA



EQUIPMENT

- Reheating Furnace fully automated with dual fired burner LPG/LDO.
- High-pressure De-scaler.
- 4-Stand Housingless Roughing Mill in horizontal and vertical combination.
- 10-Stand Housingless Continuous Mill in horizontal/vertical combination with 8 loopers for tension free rolling and 2 shears for end cutting.
- 4-Cantilever stands in horizontal and vertical combination with Tungsten Carbide (TC) Rings.
- 10-Stand V-type, no twist wire rod block.
- Primary cooling line for controlling laying temperature.
- Laying head.
- 70 m long cooling conveyor with retarded, forced cooling and online quenching facility.
- Pallet type coil handling with vertical compactor.
- Mill fully automated by ABB drive and PLC.
- Solution Annealing Furnace.
- Pickling line with Effluent Treatment Plant.
- Wendt CNC grinding machine for TC Rings.



PRODUCT SPECIFICATIONS

SIZE	RANGE	COIL WEIGHT	COIL DIMENSIONS	TOLERANCE	SUPPLY CONDITION
WIRE ROD	5.5 - 16 mm (Wire rod block) OD: 1250 (wire rod block) (Available in mm) 50 kg 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 11, 12, 13, 14, 15 and 16. 17 - 40 mm (garret coiled)	850 kg	ID: 800 - 900mm	As per EN 10088	Hot rolled (HR)
		25 kg	ID: 550 - 650 mm OD: 750 - 850 mm		Hot rolled + pickled (HRP) Hot rolled + annealed + pickled (HRAP)



GRADES ASTM: 201, 202, 204Cu, 301, 302, 303, 304, 304Cu, 304HC, 304L, 304H, 310, 310S, 312, 314, 316, d16L, 316LN, 316Ti, 316LCu, 321, 410, 420, 430, 430L, 904L
DIN/EN: 1.4301, 1.4306, 1.4307, 1.4310, 1.4401, 1.4404, 1.4567, 1.4841, 1.4842, 1.4541, 1.4845, 1.4570, 1.4571, 1.4578, 1.4597, 1.4362, 1.4370 and 1.4016
Electrode Grades: ER304, ER304L, ER307, ER307Si, ER308, ER308L, ER308LSi, ER310, ER316, ER316L, ER316LSi, ER347, ER347Si, ER309L, ER430 and ER420
*Specialised grades also available as per customer requirements.



HOT ROLLED WIRE ROD

GRADE	UTS (Kg/mm ²)	YS (Kg/mm ²)	EL%	RA%
SS 201 (SUPER)	880 Max.	500 Max.	50 Min.	65 Min.
SS 201 (NI-1%)	800 Max.	480 Max.	50 Min.	65 Min.
SS 204Cu	780 Max.	450 Max.	50 Min.	65 Min.
SS 202 (NI-4%)	780 Max.	450 Max.	50 Min.	65 Min.
AISI 304 700 Max.	380 Max.	50 Min.	70 Min.	
AISI 304 L	700 Max.	380 Max.	50 Min.	70 Min.
AISI 304 H	700 Max.	380 Max.	50 Min.	70 Min.
AISI 304 Cu2	680 Max.	350 Max.	50 Min.	70 Min.
ER 307	700 Max.	380 Max.	50 Min.	70 Min.
ER 308L	700 Max.	380 Max.	50 Min.	70 Min.
308 LSi	700 Max.	380 Max.	50 Min.	70 Min.
AISI 310	680 Max.	450 Max.	50 Min.	70 Min.
AISI 316 L	660 Max.	400 Max.	50 Min.	70 Min.
ER 316 L	660 Max.	400 Max.	50 Min.	70 Min.
AISI 316 LHMo	680 Max.	400 Max.	50 Min.	70 Min.
SS 430L	580 Max.	450 Max.	30 Min.	65 Min.

HOT ROLLED ANNEALED WIRE ROD

Grade	UTS (Kg/mm ²)	YS (Kg/mm ²)	EL%	RA%	HARDNESS (HRC)
SS 204Cu	680 Max.	360 Max.	50 Min.	65 Min.	
AISI 304	600 Max.	300 - 350	60 Min.	70 Min.	22 Max.
AISI 304 L	580 Max.	300 - 350	60 Min.	70 Min.	22 Max.
AISI 304 u2	580 Max.	300 - 350	60 Min.	70 Min.	22 Max.
ER 308L	580 Max.	300 - 350	60 Min.	70 Min.	22 Max.
AISI 316 L	550 Max.	250 Max.	60 Min.	70 Min.	22 Max.
ER 316 L	550 Max.	250 Max.	60 Min.	70 Min.	22 Max.
AISI 316 LHMo	580 Max.	320 Max.	50 Min.	70 Min.	22 Max.
SS 430L	480 Max.	300 Max.	40 Min.	70 Min.	85 Max. HRB



PACKAGING

- SIMPLE 4 – STEEL STRIP PACKING FOR COIL
- POLY PACKING WITH PLASTIC STRIP FOR HRP AND HRAP
- WRAPPING WITH PLASTIC STRIP
- AS PER CUSTOMER REQUIREMENTS

