



STAINLESS STEEL BRIGHT BARS



PROFILE

JK GROUP and Inox Metallurgica Pvt Ltd – We are Export Oriented Organization with strong believe into sustainable growth. JKG & IM are fortunate enough to have excellent team of Sr Industry leaders as technical board members.

Incepted in Feb. 2020, In just few years JKG is becoming known manufacturer of stainless steel long products with ability to make footprints of winning the trust of customers internationally.

To ensure the deliveries of high quality stainless steel Bars, we use Raw Materials processed through VOD / VD & AOD route whereas for some critical grades we also adopt VAM route.

We are located at RABALE MIDC, Navi Mumbai, INDIA, our state of Art Manufacturing Facility with imported machines (Europe & US) is always ready to welcome you to visit and suggest your valuable feedback for further developments.

Our expert team of metallurgist are capable enough to offer you all special grades for critical applications. Our tailor made / manufacture Stainless Steel BARS are being used widely into Oil & Gas, Automotive, Marine, Aerospace, Petrochemicals, Infra, Nuclear Power, Fasteners Manufacturing, Shafts, Shipbuilding, Defense Equipment, Medical Accessories, Food Machineries etc. etc.

Founder & CEO :

After gaining versatile experiences around 22 years at reputed Manufacturing Corporates (Hindalco, KAESER, ACC Cement, VIRAJ Profiles, ISINOX and VENUS Wires), **Mr Vinay Mishra** moved forward and established JKG startup with focused objective towards Manufacturing & Exports of High Quality Stainless Steel Bright Bars/Long Products.



Vinay@JKGworld.com

Being a passionate learner of world geography and economies with special interest into Stainless Steel Long Products, he is enthusiastic international traveler who have already visited 24 countries and his journey continues to learn and know more.

JKG is one stop solution of High Quality Stainless BARS for Critical Applications. Advanced-Imported and Robust Machineries are aligned to ensure the Deliveries of Finest Precision Quality Bars. If you are looking for High Quality and Special Grades then your search may get an end at JKG.



BRIGHT BARS
MANUFACTURING FACILITY
WITH ADVANCE MACHINES



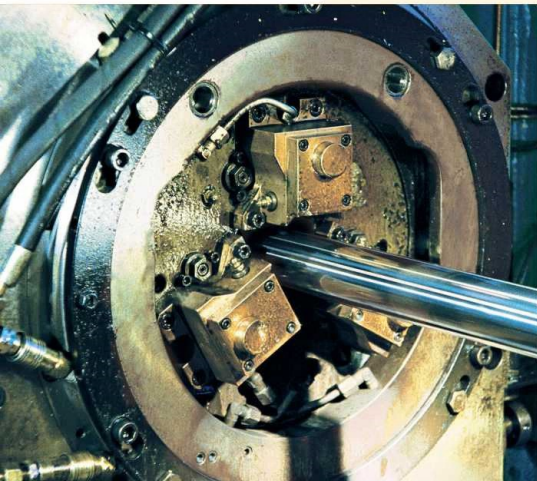
PRODUCTION FACILITY

(At Glance)

Current Monthly Productions : 500-650 Tons

Brief Summary of Existing Machineries

- Schumag (Original German) RP1 & RP2
- Draw Bench (YingPeng Taiwan)
- Combined Draw Bench Machine – 1 Nos (Farmer Norton)
- Peeling Machines – 1+2 Nos (Kieserling & Bhrambra Make)
- Grinding Machines – 2+1 Nos (Cincinnati & Jotes)
- Chamfering Machine – 1+1 Nos. Size Range 6mm - 55mm
- Pickling Tanks – 5 (Wire Rods) +2 (Bars) Nos.
- Bars Straightening Machines – 2 Nos (SRE Make)
- 350 Ton Hydraulic Press for Black Bars
- Belt Polish Machine – 1+1 Nos. (Loeser Germany & Grind Master)
- Bandsaw / Cutting Machines – 2 Nos. (Indo Tools)
- Shot Blasting Machines (IH Make) For Wire Rods & Bars Separately
- Annealing / Tempering Furnaces – 1+1 Nos. (Continental Make)
- Lab Setup with PMI, Hardness, MPI, UT Machine, Eddy Current etc.





SHAPES & SIZES

Bars | Round | Hexagon | Square



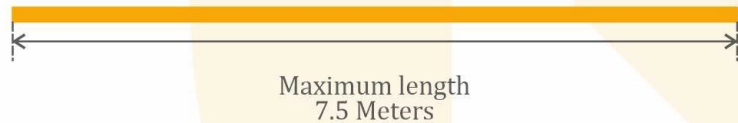
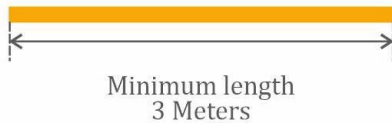
Tolerances

ROUND BARS
h7, h9 & h11 k10, k12, k13

HEXAGONAL BARS
h11 k12

SQUARE BARS
h11 k12

Bars Lengths



Stainless Steel Wire Rods
Dia Range 5.5mm to 19mm
Hot Rolled Annealed & Pickled

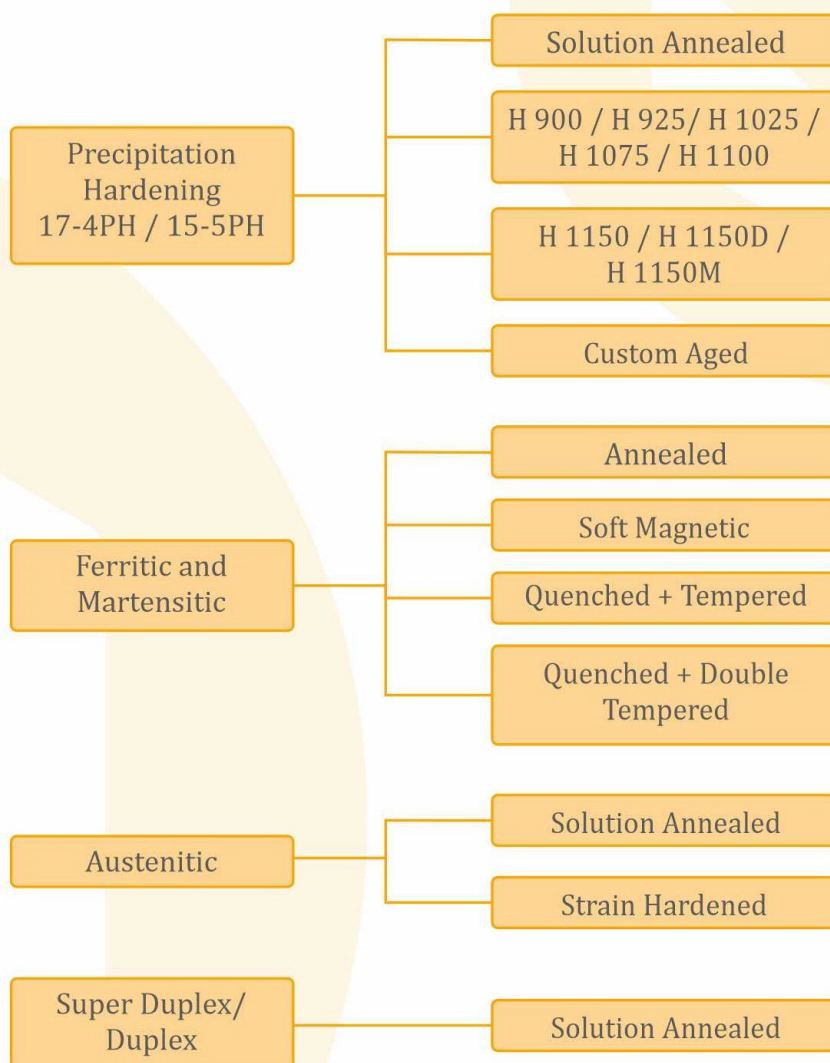


Wire Rod - Coils Weight
850 Kgs - 1350 Kgs





Heat-Treatments / Process Cond.



High Quality Bars packed in Export Seaworthy LDPE & HDPE bundles.
Wooden boxes and Fiber Tube packing also offered as per client's requirements.



In addition of regular SS Grades 304/316/410/420
Scope of Supply with Special Grades
Bars (Round, Hex & Square) and Wire Rods

ASTM	Family	DIN	Indicative Applications of Various Stainless Steel Grades
303	Austenitic	1.4305	Shafts, Safety Valves, Fuel Injection, Exhaust Components of Automobile, Nuts Bolts,
310	Austenitic	1.4845	Kilns, Burners, Muffles, Petroleum Refining, Steam Boilers, Refractory Anchor Bolts,
316 Ti	Austenitic	1.4571	Wires, Components Food Industry at Elevated Temperature, Moistened Conditions, Brewery
321	Austenitic	1.4541	Aeronautical Appl, Mesh for Automotive, Accessories/Vales for Prolong in High Temperature
21-4N	Valve Steel	1.4871	Valves, Special Automotive Applications, High Desity, Heavy Equipment,
430FM	Ferritic	1.4104	Pump Shafts, Pistons Shaft, Controlled Valves, Automotive Industry Applications.
430FR	Solenoid Bar	1.4105	Valve, Solenoid, Automotives and Other critical high strength Applications
630	17-4PH	1.4542	Pump Shafts, Aerospace, Nuclear Reactors, Cryogenic, Oil & Gas, Pharma Equipment,
440	Martensitic	1.4125	Pressure vessels, Blades, Automotive, Shafts, Aviation & Aerospace, Boilers etc.
416	Martensitic	1.4005	Free Machined Components and shafts, Pump shafts, Gun Barrels
420	Martensitic	1.4034	Shafts, Controlled Valves, Surgical Components, Heavy Shafts, bearings, Piston rods
Special	Martensitic	1.4923	Reactors, Turbine, Boilers, Pressure Vessels, Machined Components,
431	Martensitic	1.4057	Aircrafts, Cutting Tools, Precision Shafts, Cryogenic usage, Shafts for Wind Mills Cold
2205	Duplex	1.4462	LNG Applications, Oil exploration, Rigging, Corrosive Env., Extreme Weather
Electrode grade wire rods with customized & controlled chemistry – Supply Conditions : HRAP			
307	Austenitic	LER/Si	Welding Consumables, Wires, TIG/MIG, Excellent Weldability
308	Austenitic	LER/LSi	Welding Consumables, Wires, TIG/MIG, Excellent Weldability
309	Austenitic	LER/LSi	Welding Consumables, Wires, TIG/MIG, Excellent Weldability
312	Austenitic	LER	Welding Consumables, Wires, TIG/MIG, Excellent Weldability

Technical Advisory Board

Mr Georg Fokatis (USA) –Melting-Caster Expert (Billet / Slab / Bloom), ESR

MS-Mech Engg (Aerospace) from Armed Forces University Munich Germany

Steel Melting Expert (Induction, EAF, AOD, Caster etc) New Heats Development

Worked at SMS Germany, ThyssenKrupp, International Steels Group, NAS, DEMAG, TATA, JSW. Big River. Travelled many Countries for Turkey Projects of Steel Melting at Japan, Belgium, China, Italy, Whole USA, Canada, INDIA, South Korea, Germany, Spain etc Ready to rectify all issues of MELTING Unit Project RIO, Capex, Hydraulics Proportional, Project Installation/Commission



Georg.f@JKGworld.com

Mr William Teggi (ITALY) – Highly Exp. Rolling Mills Expert (All Kinds)

BS Physical & Applied Metallurgy from ITALY & Graduate from Cambridge.

Expert of Wire Rod, Section Rolling, Bar Mill, New Grades Development

Worked at COGNE ACCAI, Danielle – Italy. Travelled many countries for Projects at Germany, Japan, INDIA, Hungary, China, Taiwan, Austria on consulting roles at Trafitec, Mukand, Ambica, India Steel, YongXing, Centro Sviluppo, Zhejiang, Yamashi etc. Ready to rectify all issues of ROLLING Mills, New Grade Dev (PH)



W.Teggi@JKGworld.com

Mr VGS Pawar (INDIA) Expert Wire Rod Mill & Cross Country, HT-Pickling

BE-Metallurgy & MBA with international Exp in Wire Rod Mills, Section & BRM

17 Yrs Arcelor & Masters Indonesia, 20 Yrs in India VIRAJ, ISWL, JJSL, Mukand.

Vast exposure into Projects Installations and Operations into Wire Rod Mills, Section Mill, Cross Country, Rollshops Designs, H&T, Annealing & Pickling, Certified Fellow for Technical Due Diligence of Plant Machineries & Auxiliaries



vgs.pawar@JKGworld.com

Mr Miguel Bentes (BRAZIL)– Iron Making, Melting, BF, LF, EAF, CCM, DRI

MS-Extractive Metallurgy, 39 Yrs Exp in Iron Making, Steel Melting Projects

Worked at Vale S.A, CSP, CSN, Corus, CSV, Dunafer, Outokumpu, POSCO

In addition of Steel Making Operations, Extra ordinary exposure in Minerals, completed Turnkey projects of Iron Making & Melting Units worldwid at UK, USA, Japan, South Korea, China, Dubai, Finland, Italy, France, Hungary, Belgium etc. Rare blend of Carbon Steel, Super Alloys & Stainless Steel. Slag Reprocessing, Project ROI, Capex, MEP & EPC, Think Tank for Steel Making



Miguel.B@JKGworld.com

Mr PB Naik (INDIA) – Vacuum Tech Melting Expert (ESR, VAR, VIM), QC

Diploma in Vacuum Technology with around 34 Yrs Experience in Melting Units

Retired as Manager-Melting from MIDHANI (Govt of India), President Awarded Man

Specialist of Vacuum Melting Techniques, New Heat Development for Defense A Man with wide-vast knowledge of Melting Projects, Capacity Enhancements, Modifications of VAR, VIM & ESR at MIDHANI, Quality Improvements etc. etc

Ready resolve any issues related to Melting Operations of Vacuum Technology



PB.Naik@JKGworld.com

Mr TV Naga Bhushana (INDIA): Rolling Mill Expert (Wire Rod, Bar, CC, SBQ Mill) Mech Engg.

with 34 Yrs extensive international exposure in Rolling Mills Worked at Mukand, SLR Metalics, Kalyani, Gerdau, Cakra, Pulogadung, PT Ind. Highly experienced Person in Rolling Mill Operations with 3 Green Field Projects ReHeating Furnace, Mill Speed, Slit, Garret, Block, Roughing Pass, Repeater, Loopers. Ready to Resolve any Rolling Related Issues, Turnkey Project Capex, EPC / MEP.



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