



PUSHPA 500



शक्ति मजबूती विश्वास

A product by



Gauraj
PUSHPA 500 TMS 500
I S P A T

PUSHPA 500



--- शक्ति मजबूती विश्वास ---



OUR VISION

"Emerge as a low cost & efficient producer of a value added steel product with captive mineral resources and power, and it is well poised to emerge as one of the most exciting and valuable companies in India and global steel industry over the coming years."



CORE VALUES

"Being passionately committed to delivering excellence in performance, We ensure to train and develop the employee / people continually and motivate them to turn them into a complete family of capable, motivated, professional & organizational happy employees."

ABOUT OUR COMPANY

A new venture by Dugad Group, Ganraj Ispat Pvt. Ltd made its way into the market in 2010 with a sole intention of providing superior quality majorly focussing on power, strength and trust in our products and services . Being an ISO 9001-2008 certified company, we are emerging as a successful TMT reinforcement bar manufacturers in Maharashtra. Our habit of embracing innovation to increase efficiency has led us to produce the strongest PVV and most durable TMT bars which are now contributing successfully in nation's development. Our product, PUSHPA TMX, a re-roller of billets and imported billets and producing deformed concrete reinforcement bars is available for sale in domestic Asian markets.





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PUSHPA TMX 500

Our latest innovation TMX 500 is a technological advancement that rewrites the standards of construction. Developed keeping in mind the essentials of earthquake resistant construction Pushpa TMX 500 is the answer to all your needs. Pushpa TMX 500 is totally Sulphur and Phosphorous controlled and purified to the latest quality standards to give your construction the extra strength to withhold under extreme hot and cold weather conditions. Sulphur and Phosphorous are the harmful impurities that make a rebar vulnerable to cracking. Pushpa TMX 500 reduces the combined label of these impurities up to 1.05% (Sulphur 0.55% max + Phosphorous 0.55% max) as per the latest BIS specifications. Therefore, Pushpa TMX 500 is many time better and absolutely reliable than other rebars available in the market. With Pushpa TMX 500 comes a promise of strength, stability and standard for every company or individual in the process of construction.

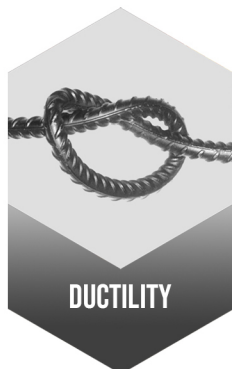
THE MOST TRUSTWORTHY PROTECTION SHIELD FOR EVERY STRUCTURE



DOES NOT CORRODE
IN CEMENT



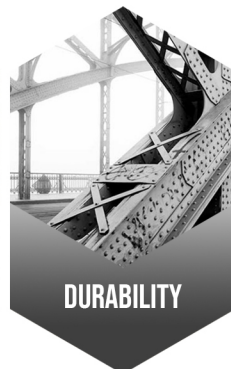
FIRE RESISTANT UPTO
600° C



EXCELLENT DUCTILITY
AND BENDABILITY



HIGHLY WELDABLE AND
HIGH TENSILE STRENGTH



CAN WITHSTAND
EXTREME CONDITIONS



EARTHQUAKE RESISTANT
AND ENHANCED SAFETY



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MANUFACTURING PROCESS

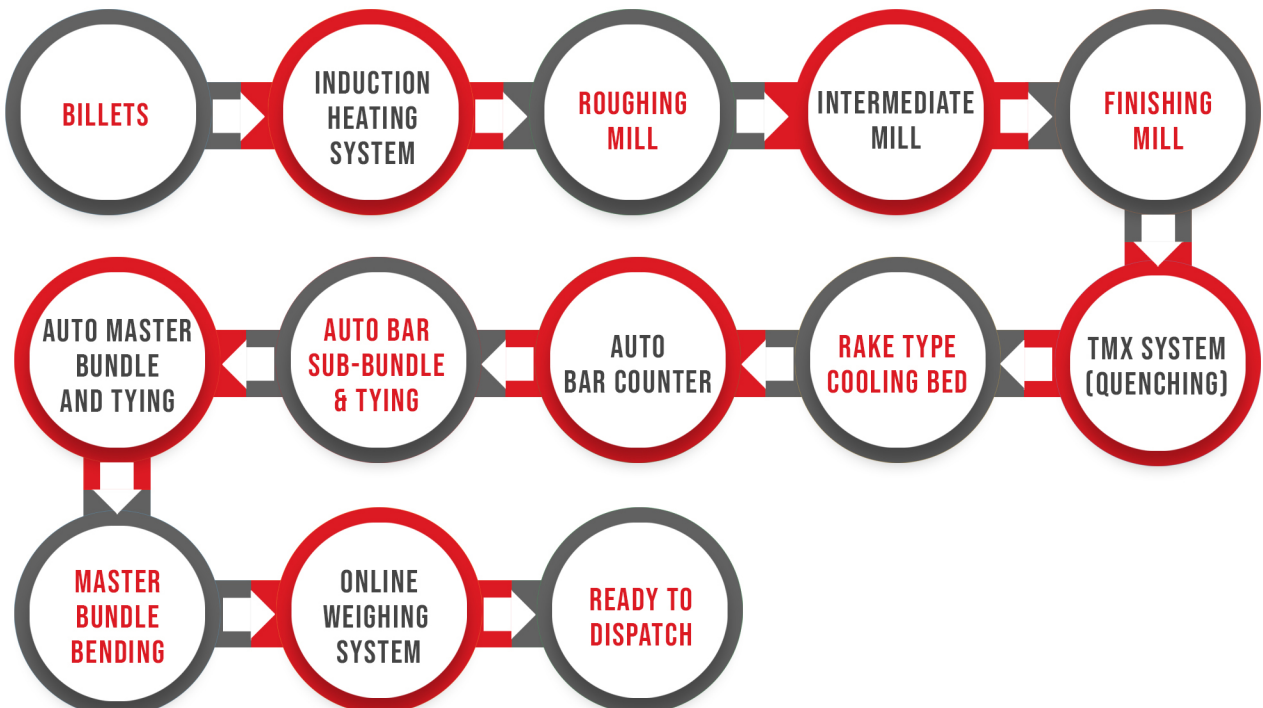
Hot Billets are conveyed in Roughing Mill via online 'Induction Heating System' (to maintain temperature), then Intermediate Mill and Finishing Mill, we have slit rolling facilities, i.e., 3 slits of 8mm and 2 slits of 10mm and 12mm.

All the bars are passed through 'Thermax Quenching System', to obtain physical property of required standards. From PQS bar moves to automatic Rake Type Cooling Bed.

From Cooling Bed onward we have a complete automatic bar handling systems with bar counter, sub bundling and master bundling facilities. We are introducing 2mt master bundle bending and binding facilities. This will ensure correct weight at delivery point.

All manufacturing process are fully automated and controlled by PLC.

The Rolling Mill Technology, Automation and Machinery have been supplied by the World Renowned Primetal Technologies.





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PRODUCT SPECIFICATION

STRICTLY MAINTAINED SECTION WEIGHT / MTR.

DIA (MM)	MINIMUM	PUSHPA TMX 500 MAX./BIS STANDARD	TOLERANCE (BIS)
8	0.367	0.395	±7%
10	0.574	0.617	±7%
12	0.844	0.888	±5%
16	1.500	1.579	±5%
20	2.393	2.467	±3%
25	3.739	3.855	±3%
32	6.126	6.316	±3%
40	10.145	9.860	±3%

QUALITY STANDARDS AS PER IS 1786 : 2008

ELEMENT	BIS SPECIFICATION FE- 500 (MAX %)	PUSHPA TMX FE- 500 (MAX %)	BIS SPECIFICATION FE- 500- D (MAX %)	PUSHPA TMX FE- 500 D (MAX %)
CARBON	0.30	0.25	0.25	0.25
SULPHUR (S)	0.055	0.055	0.04	0.04
PHOSPHOROUS	0.055	0.055	0.04	0.04
SULPHUR + PHOSPHOROUS	0.105	0.105	0.075	0.075

MECHANICAL PROPERTIES

PROPERTY	ISI FE- 500 STANDARD	PUSHPA TMX 500	ISI FE- 500 D STANDARD	PUSHPA TMX 500 D*
0.2% PROOF STRESS	500	540	500	540
YIELD STRESS / MIN.N.MM2	500	540	500	540
ELONGATION % MIN.	12	18	16	18
TENSILE STRENGTH	545	600	565	600

*AS OBTAINED IN 90% OF THE HEAT





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NEXT GEN CROSSED-RIBBED TMT BAR

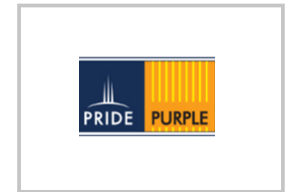
XTRA RIB

XTRA STRENGTH

XTRA SAFE



Our Clients



Some Of Our Esteemed Clients

- Paranjape Schemes Construction
- Shri Jarandeshwar Sugar Factory
- Omsai Shyam Developers
- F A Construction
- Parshuram Construction



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PUSHPA TMX 500 



ISO
9001-2008
certified



THERMEX[®]
QST TECHNOLOGY

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