



Winner of
Ministry of
Steel Award

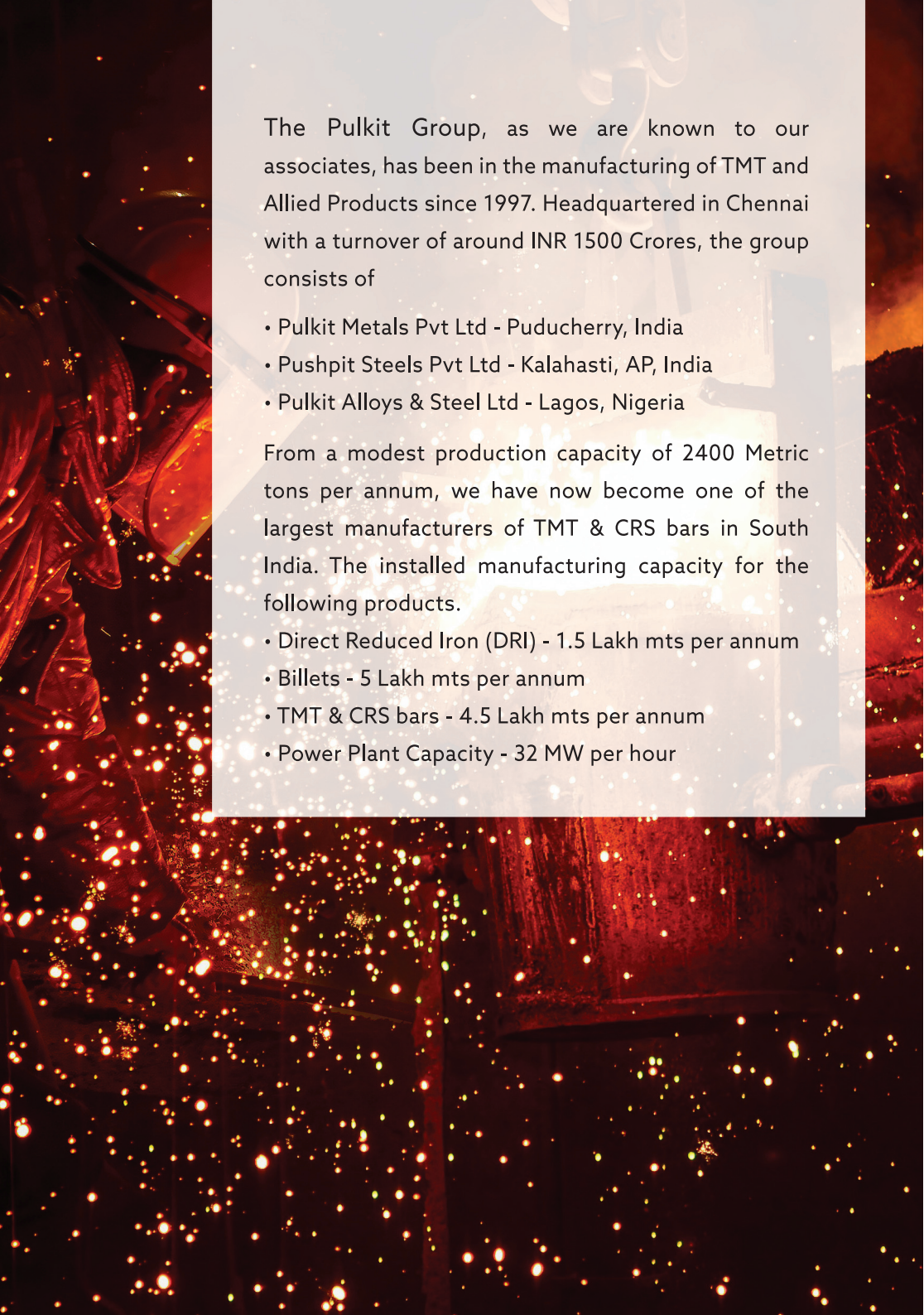


एक कदम स्वच्छता की ओर
Swachh Bharat Award



**CREATING EVERLASTING RELATIONSHIP
BETWEEN ARCHITECTURE AND THE FUTURE.**





The Pulkit Group, as we are known to our associates, has been in the manufacturing of TMT and Allied Products since 1997. Headquartered in Chennai with a turnover of around INR 1500 Crores, the group consists of

- Pulkit Metals Pvt Ltd - Puducherry, India
- Pushpit Steels Pvt Ltd - Kalahasti, AP, India
- Pulkit Alloys & Steel Ltd - Lagos, Nigeria

From a modest production capacity of 2400 Metric tons per annum, we have now become one of the largest manufacturers of TMT & CRS bars in South India. The installed manufacturing capacity for the following products.

- Direct Reduced Iron (DRI) - 1.5 Lakh mts per annum
- Billets - 5 Lakh mts per annum
- TMT & CRS bars - 4.5 Lakh mts per annum
- Power Plant Capacity - 32 MW per hour

WHY PULKIT TMT ?



EXCELLENT BUNDLE PACKING WITH SEAL



ON-TIME DELIVERY OF BLUE STEEL



ZERO WASTAGE (WASTE HEAT RECOVERY)



INTEGRATED STEEL PLANT - POWER / SPONGE IRON / TMT / BILLETS



QST - QUENCHING & SELF TEMPERING PROCESS BY GERMAN TECHNOLOGY



VARIOUS GOVERNMENT DEPARTMENT APPROVALS & PROJECTS



GOOD MARKETING & SALES SUPPORT



IRON ORE TO TMT ALL IN HOUSE



PROVIDING CHEMICAL & PHYSICAL PASS MATERIALS FOR THE PAST 15 YEARS



PRESENCE IN 4 SOUTHERN STATES (TAMIL NADU, KARNATAKA, KERALA & ANDRA PRADESH) WITH COVERED WAREHOUSE FOR IMMEDIATE DELIVERY



Lab, Kalahasti

Mega Meter, Kalahasti

Puducherry

TECHNICAL SPECIFICATIONS

Description	TMT
Standards	IS 1786-2008
Grade	Fe-500 , Fe-500D Fe-550 , Fe-550D Corrosion Resistant Steel
Specifications	8mm to 40mm

Nominal Size mm	BIS Standards Weight per meter in Kgs	Tolerance	Pulkit TMT Bars Weight per meter in Kgs
8	0.395	±7%	0.370 - 0.390
10	0.617	±7%	0.575 - 0.600
12	0.888	±5%	0.845 - 0.880
16	1.58	±5%	1.515 - 1.560
20	2.47	±3%	2.400 - 2.450
25	3.85	±3%	3.740 - 3.840
28	4.83	±3%	4.700 - 4.800
32	6.31	±3%	6.150 - 6.300
36	7.99	±3%	7.800 - 7.900
40	9.86	±3%	9.600 - 9.800

PROPERTY	MECHANICAL PROPERTIES (Percentage minimum)							
	Fe-500		Fe-500D		Fe-550		Fe-550D	
	BIS	PULKIT	BIS	PULKIT	BIS	PULKIT	BIS	PULKIT
.2% Proof Stress /Yield Stress Min, N/Sqmm	500	530	500	530	550	570	550	550
Elongation, % Min on gauge Length 5.65 \sqrt{a} -A is cross sectional Area	12	18	16	20	10	16	14.5	14.5



Sparkonix Embossing Machine, Puducherry



Sparkonix Rib Cutting Machine, Puducherry

Constituents	CHEMICAL COMPOSITION (Percentage MAX)							
	Fe-500		Fe-500D		Fe-550		Fe-550D	
	BIS	PULKIT	BIS	PULKIT	BIS	PULKIT	BIS	PULKIT
Carbon	0.30	0.25	0.25	0.20	0.30	0.25	0.25	0.20
Manganese	NS	0.60	NS	0.60	NS	0.70	NS	0.80
Sulphur	0.055	0.050	0.040	0.040	0.055	0.050	0.04	0.040
Phosphorus	0.055	0.050	0.040	0.040	0.050	0.050	0.04	0.040
Sulphur&Phosphorous	0.105	0.100	0.075	0.075	0.100	0.095	0.075	0.075



The diameter of the mandrel shall be given as below: (For Rebend Test)

Nominal size of specimen	Diameter of Mandrel							
	Fe 415 and Fe 500		Fe 415D and Fe 500D		Fe 550 and Fe 500		Fe550D	
	BIS	PMPL	BIS	PMPL	BIS	PMPL	BIS	PMPL
Up to and including 10 mm	5 φ	4 φ	4 φ	4 φ	7 φ	5 φ	6 φ	5 φ
over 10 mm	7 φ	4 φ	6 φ	4 φ	8 φ	5 φ	7 φ	5 φ

Where "φ" is the nominal size of the test piece, in mm.

Typical composition of Pulkit CRS TMT (max)

C	Mn	S	P	Si	CRE	CE
0.15%	1.0	0.04	0.1	0.45	0.8	0.32

PULKIT TMT ADVANTAGE



Simple Bendability



Superior Ductility



Unrivaled Welding Strength



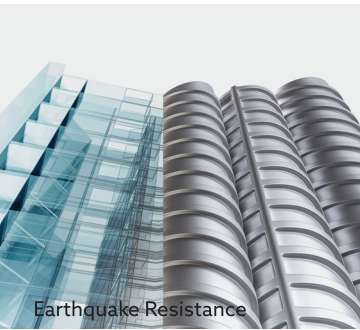
Made of Primary Steel



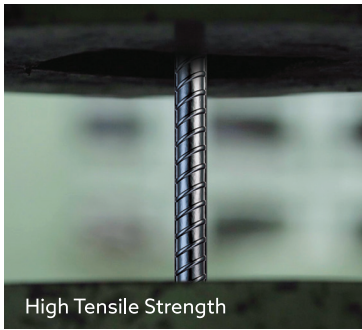
Intense Bonding



Integrated Steel Plant at Kalahasti



Earthquake Resistance



High Tensile Strength



Fire Resistant



Corrosion Resistance



Low Sulphur & Phosphorus



Extra Yield Strength

PUDUCHERRY PLANT



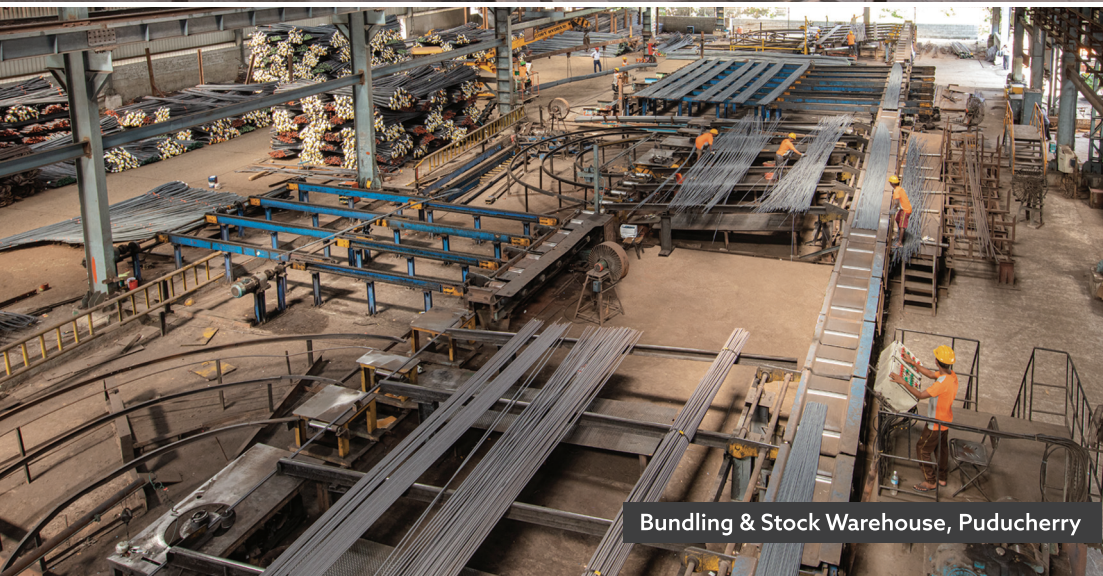


THERMEX®

Quenching & Self Tempering (QST), Puducherry



TMT bending, Puducherry



Bundling & Stock Warehouse, Puducherry

SPONGE IRON & POWER PLANT AT
KALAHASTI





Billet Caster, Kalahasti



Spectrometer, Kalahasti



Sponge Iron, Kalahasti

NIGERIA PLANT



Coil Mill



Stock Yard



TMT Stock Yard



Power Plant, Kalahasti

REGISTERED OFFICE

163/1 K Sons Complex
1st Floor Prakasam Salai
Broadway Chennai 600 108
P +91 44 44012345

WORKS

PUDUCHERRY

95/2-4 Eripakkam Village
Netappakkam Commune
Puducherry 605 106
P +91 413 2699844

SRI KALAHASTHI

Pushpit Steels Private Limited
303A/B Industrial Estate (EXPN)
Merlapaka Village
Yerpedu Mandal, Sri Kalahasthi
Chittoor Dt.
Andhra Pradesh 517 619

NIGERIA

Pulkit Alloy and Steel Ltd
Plot 89 & 90 Ikorodu
Industrial Scheme
Odogunyan Ikorodu
Lagos State Nigeria
P +234 07069471601

ANDHRA PRADESH | KARNATAKA
KERALA | PUDUCHERRY
TAMIL NADU | TELANGANA | NIGERIA

E info@pulkitmt.in pulkitmt.in



Authorised Dealer