



MULIA ADHITAMA SEJATI

TRUSTED PARTNER



INDONESIA & BEYOND

PT MULIA ADHITAMA SEJATI

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VISION

To be market leader in steel distribution; leading in price, quality and sales volume.

MISSION

To constantly innovate, observe for opportunities and needs in the industry, and takes prompt actions upon changes in the market trends.

OUR VALUES

HONESTY

Manufacturers need to feel secure that their products are marketed in good hands, while getting products with prices that matches its values.

OUR VALUES

INNOVATION

While this industry is never stagnant, Mulia Steel continuously research its market and technology trends.

OUR VALUES

HARDWORK

Diligence and being proactive would improve the chance of success in every aspect of life. To obtain above average results, it requires above average work ethic.



MULIA STEEL



About us

PT Mulia Adhitama Sejati (Mulia Steel) is a new manufacturing facility established in 2022 located in Cikande Banten, Indonesia. Mulia Steel specializes in producing "steel billets," which are semi-finished, square-shaped steel bars used as a raw material for further processing into various finished steel products like rebar, angles, channels, and more. Essentially, they take molten steel and cast it into these billets, which can be customized in size and chemical composition based on customer needs, allowing for diverse applications across construction, engineering, and manufacturing industries. Our annual production capacity can reach up to 1.5 million tonnes.

Key points of Mulia steel Factory

PRODUCTION PROCESS

Melting scrap or raw iron ore in a furnace to create molten steel. Pouring the molten steel into a continuous casting machine, where it solidifies into billet shapes. Cutting the billets to desired lengths.

QUALITY CONTROL

Strict quality checks are conducted throughout the process to ensure the billets meet specific chemical composition and dimensional tolerances.

CUSTOMIZATION OPTIONS

Depending on customer requirements, the factory can adjust the billet size, steel grade, and chemical composition.

APPLICATIONS OF BILLETS

Construction reinforcement bars (rebar) Structural steel components like angles and channels Machined parts for machinery and equipment



ASTM A615M (REINFORCING STEEL FOR CONSTRUCTION)

NOMINAL SIZE (MM)	LENGTH (MM)	WEIGHT (KG/M)	C (%)	MN (%)	P (%)	S (%)	SECTIONAL AREA (CM ²)	APPLICATION
100 X 100	6.000 - 12.000	78,5	0,30 max	0,50 - 1,00	0,05 max	0,05 max	100	Concrete reinforcement, high-rise buildings
120 X 120	6.000 - 12.000	113	0,30 max	0,50 - 1,00	0,05 max	0,05 max	144	Bridge infrastructure, flyovers
150 X 150	6.000 - 12.000	117	0,30 max	0,50 - 1,00	0,05 max	0,05 max	225	Earthquake resistant structures, dams

ASTM A706M (SEISMIC REINFORCEMENT STEEL)

NOMINAL SIZE (MM)	LENGTH (MM)	WEIGHT (KG/M)	C (%)	MN (%)	P (%)	S (%)	SECTIONAL AREA (CM ²)	APPLICATION
100 X 100	6.000 - 12.000	78,5	0,25 max	1,50 max	0,04 max	0,04 max	100	Earthquake resistant structures, skyscrapers
150 X 150	6.000 - 12.000	177	0,25 max	1,50 max	0,04 max	0,04 max	225	Bridge foundations, heavy infrastructure projects

BS 4449 (BRITISH STANDARD)

NOMINAL SIZE (MM)	LENGTH (MM)	WEIGHT (KG/M)	C (%)	MN (%)	P (%)	S (%)	SECTIONAL AREA (CM ²)	APPLICATION
120 X 120	6.000 - 12.000	113	0,25 max	0,80 - 1,50	0,05 max	0,05 max	144	Residential projects, railway tracks
150 X 150	6.000 - 12.000	177	0,25 max	0,80 - 1,50	0,05 max	0,05 max	225	Steel bridge construction, docks

GOST 380 / 89 - 94 (RUSSIAN STANDARD)

NOMINAL SIZE (MM)	LENGTH (MM)	WEIGHT (KG/M)	C (%)	MN (%)	P (%)	S (%)	SECTIONAL AREA (CM ²)	APPLICATION
100 X 100	6.000 - 12.000	78,5	0,23 max	0,30 - 0,60	0,05 max	0,05 max	100	Automotive industry, heavy machinery manufacturing
150 X 150	6.000 - 12.000	177	0,23 max	0,30 - 0,60	0,05 max	0,05 max	225	Machine components, steel pipe industry

SNI 49S / SP (INDONESIAN NATIONAL STANDARD)

NOMINAL SIZE (MM)	LENGTH (MM)	WEIGHT (KG/M)	C (%)	MN (%)	P (%)	S (%)	SECTIONAL AREA (CM ²)	APPLICATION
120 X 120	6.000 - 12.000	113	0,30 max	1,20 max	0,05 max	0,05 max	144	General building infrastructure
150 X 150	6.000 - 12.000	177	0,30 max	1,20 max	0,05 max	0,05 max	225	Road and bridge construction

S - SERIES (EN STANDARD)

STANDARD	SIZE (MM)	LENGTH (MM)	WEIGHT (KG/M)	C (%)	MN (%)	P (%)	S (%)	SECTIONAL AREA (CM ²)	APPLICATION
S235JR	120 X 120	6.000 - 12.000	113	0,17 max	1,40 max	0,04 max	0,04 max	144	Light weight steel frames, automotive
S275JR	130 X 130	6.000 - 12.000	132	0,21 max	1,50 max	0,04 max	0,04 max	169	Industrial steel structures
S355JR	150 X 150	6.000 - 12.000	177	0,24 max	1,60 max	0,04 max	0,04 max	225	Heavy equipment, shipbuilding

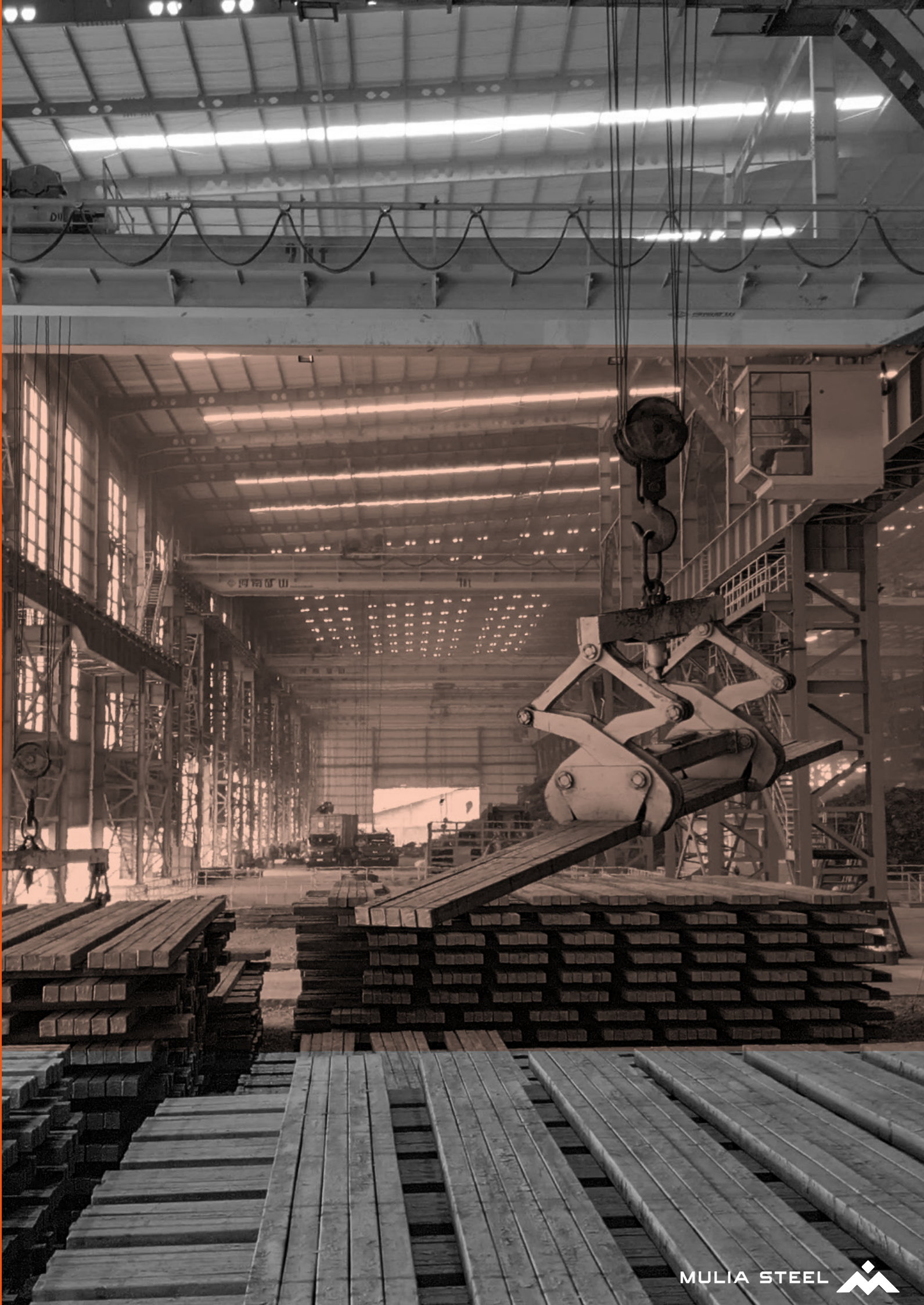


JIS (JAPAN) & CNS (TAIWAN) STANDARDS

STANDARD	SIZE (MM)	LENGTH (MM)	WEIGHT (KG/M)	C (%)	MN (%)	P (%)	S (%)	SECTIONAL AREA (CM ²)	APPLICATION
JIS SS400	120 X 120	6.000 - 12.000	113	0,25 max	1,50 max	0,05 max	0,05 max	144	Shipbuilding, lightweight steel structures
JIS SB410	150 X 150	6.000 - 12.000	177	0,25 max	1,50 max	0,05 max	0,05 max	225	Boiler industry, pressure vessels
CNS 7220	120 X 120	6.000 - 12.000	113	0,25 max	1,50 max	0,05 max	0,05 max	144	General building infrastructure
CNS 7225	150 X 150	6.000 - 12.000	177	0,25 max	1,50 max	0,05 max	0,05 max	225	Automotive components

DIMENSIONAL TOLERANCES & MECHANICAL PROPERTIES

STANDARD	THICKNESS TOLERANCE (mm)	LENGTH TOLERANCE (mm)	STRAIGHTNESS TOLERANCE (mm/m)	YIELD STRENGTH (Mpa)	TENSILE STRENGTH (Mpa)	ELONGATION (%)
ASTM A615M	±3	±50	3	420 min	620 min	9 - 14
ASTM A706M	±2	±25	2	400 min	550 min	14 - 18
ASTM A711	±2	±30	2	415 min	540 - 690	14 - 20
BS 4449	±2	±30	2	500 min	550 - 700	14 - 18
GOST 380	±3	±50	3	255 min	380 - 490	21 - 25
ST 3 S/SP	±3	±50	3	275 min	410 - 550	20 - 24
SNI 495/SP	±3	±50	3	290 min	480 - 620	16 - 20
ST 5S/SP	±3	±50	3	320 min	520 - 680	15 - 18
S235JR	±2	±30	2	235 min	360 - 510	26 min
S235J0	±2	±30	2	235 min	360 - 510	24 min
S235J2	±2	±30	2	235 min	360 - 510	22 min
S275JR	±2	±30	2	275 min	410 - 560	23 min
S275J0	±2	±30	2	275 min	410 - 560	21 min
S275J2	±2	±30	2	275 min	410 - 560	19 min
S355JR	±2	±30	2	355 min	470 - 630	22 min
S355J0	±2	±25	2	355 min	470 - 630	20 min
S355J2	±2	±25	2	355 min	470 - 630	18 min
JIS (SS400)	±2	±25	2	245 min	400 - 510	20 min
CNS	±2	±25	2	275 min	420 - 550	18 min





Our products has been proudly used by:



and many more...

Supported By:



LAMPIRAN

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1. Tipe	:	BJTP 280
Spesifikasi	:	P8, P8, P10, P12, P14, P16, P19, P22, P25, P29, P32
Mark	:	PERWIRA
Nilai TKDN	:	50,87%
Terbilang	:	Lima puluh koma delapan tujuh persen
Standard Produk	:	SNI 2052 : 2017
Sertifikat Produk	:	219/WISA/B/V1.6/2016
2. Tipe	:	BJTS 280
Spesifikasi	:	S8, S10, S13, S16, S22, S25
Mark	:	PERWIRA
Nilai TKDN	:	50,87%
Terbilang	:	Lima puluh koma delapan tujuh persen
Standard Produk	:	SNI 2052 : 2017
Sertifikat Produk	:	219/WISA/B/V1.6/2016
3. Tipe	:	BJTS 420A
Spesifikasi	:	S8, S10, S13, S16, S22, S25
Mark	:	PERWIRA
Nilai TKDN	:	50,43%
Terbilang	:	Lima puluh koma empat tiga persen
Standard Produk	:	SNI 2052 : 2017
Sertifikat Produk	:	219/WISA/B/V1.6/2016
4. Tipe	:	BJTS 420B1
Spesifikasi	:	S8, S10
Mark	:	PERWIRA
Nilai TKDN	:	50,53%
Terbilang	:	Lima puluh koma lima tiga persen
Standard Produk	:	SNI 2052 : 2017
Sertifikat Produk	:	219/WISA/B/V1.6/2016
5. Tipe	:	BJTS 420B2
Spesifikasi	:	S13, S16
Mark	:	PERWIRA
Nilai TKDN	:	50,48%
Terbilang	:	Lima puluh koma empat delapan persen
Standard Produk	:	SNI 2052 : 2017
Sertifikat Produk	:	219/WISA/B/V1.6/2016
6. Tipe	:	BJTS 420B3
Spesifikasi	:	S19, S22, S25
Mark	:	PERWIRA
Nilai TKDN	:	50,43%
Terbilang	:	Lima puluh koma empat tiga persen
Standard Produk	:	SNI 2052 : 2017
Sertifikat Produk	:	219/WISA/B/V1.6/2016

 Kementerian Perindustrian REPUBLIK INDONESIA		 BSPJI JAKARTA
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Lampiran Appendix Nama Produk : Baja profil WF		
Merek : 		
Tipe/jenis : B/P 41 WF 150 X 75; WF 200 X 100; WF 250 X 125; WF 300 X 150; WF 350 X 175; WF 400 X 200; WF 450 X 200; WF 500 X 200 =====		
Tempat dan tanggal terbit : Jakarta, 17 Februari 2025		
		Disahkan oleh:  RIZALUL KALAM Pri. Kepala
Lampiran ini hanya berlaku bila diperlihatkan bersamaan dengan Sertifikat nomor 071/W/Pro/B/IV/2018 tanggal 17 Februari 2029 terbitan ketiga.		
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