

PDV METALS
POWERFUL . DILIGENT . VERACIOUS

Timeless Strength



PRODUCED IN LUSAKA, ZAMBIA
HIGH QUALITY CONSTRUCTION REBAR

COMPANY PROFILE

PDV Metals Limited is a group enterprise specializing in non-ferrous metals, covering the full industrial chain from mining, processing, smelting, to finished product production. Located in the Lusaka Multi-Facility Economic Zone in Zambia, the steel plant has a production capacity of 300,000 tons and was constructed in 2023. The plant employs a unique, modern refining process and a comprehensive automated control system to produce high-quality steel, which is extensively used in industrial and civil construction, including highways, bridges, and other high-end areas. The first phase of production is focused on construction rebar, while the second phase will produce angle steel and channel steel.

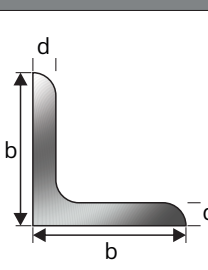


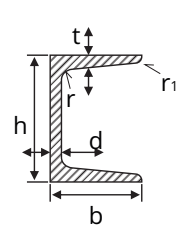
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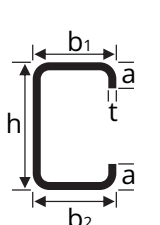
The company has built large distribution centers for raw materials and semi-finished products along the transportation routes between South Africa and Congo. The group also operates a large fleet of transport vehicles, enabling it to serve markets across the entire Southern African region.

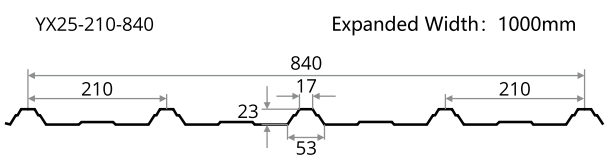
The factory workshop is fully managed using visualization and 6S management systems and adheres to the ISO quality management system. Its products are certified by South Africa's SABS and Zambia's ZABS, making PDV Metals a reliable enterprise that customers can trust over the long term.

CONSTRUCTION REBAR			
Size (mm)	STANDARD	Stocks Lengths	KG'S / Metre
8	BS4449:2005 B500B BS4449:1997 460B SANS 920:2011 GB1499.2-2007	12m	0.395
10		12m	0.617
12		12m	0.888
14		12m	1.21
16		12m	1.58
18		12m	2.00
20		12m	2.47
25		12m	3.85
32		12m	6.31

ANGLE BEAM	model	size		weight
		b(mm)	d(mm)	
 <p>b-Edge width d-Edge thickness</p>	3	30	3	1.373
			4	1.786
	4	40	3	1.852
			4	2.422
			5	2.976
	5	50	3	2.332
			4	3.059
			5	3.770
			6	4.465
	6.3	63	4	3.907
			5	4.822
			6	5.721
			8	7.469
			10	9.151
	7	70	4	4.372
			5	5.397
			6	6.406
			7	7.398
			8	8.373

CHANNEL STEEL	model	size			weight
		h(mm)	b(mm)	d(mm)	
 <p>h - Height b - Thigh width d - Waist thk t - Average leg thk r - Waist radius r1 - Thigh radius</p>	8	80	43	5	8.045
	10	100	48	5.3	10.007
	12.6	126	53	5.5	12.318
	14#a	140	58	6	14.535
	14#b	140	60	8	16.733
	16#a	160	63	6.5	17.24
	16#b	160	65	8.5	19.754
	18#a	180	68	7	20.174
	18#b	180	70	9	23
	20#a	200	73	7	22.637
	20#b	200	75	9	25.777

C BEAM	Model	Section			
		h(mm)	b(mm)	a(mm)	t(mm)
 <p>a---15--35 b---10-168 t---0.5-12 h---20-400</p> <p>Material: Q195-Q235-Q345 Raw materials: hot rolled steel strip, galvanized steel strip</p>	C80	80	40	20	0.5-12
	C100	100	40	20	0.5-12
	C120	120	40	20	0.5-12
	C120	120	50	20	0.5-12
	C120	120	60	20	0.5-12
	C140	140	50	20	0.5-12
	C140	140	60	20	0.5-12
	C160	160	50	20	0.5-12
	C160	160	60	20	0.5-12
	C180	180	60	20	0.5-12
	C180	180	75	20	0.5-12
	C200	200	60	20	0.5-12
	C200	200	70	20	0.5-12
	C220	220	60	20	0.5-12

COLOR STEEL TILE YX25-210-840				
TYPE	YX25-210-840			APPLICATION
EFFECTED WIDTH(MM)	840			
FEEDING WIDTH(MM)	1000			
THICKNESS(MM)	0.5	0.8	1.0	ROOF AND WALL SHEET
(CM4/M) SECTION INERTIA	9.18	14.688	18.37	
(CM3/M) SECTION RESISTANC	4.68	7.49	9.46	
 <p>YX25-210-840 Expanded Width: 1000mm</p>				

HIGH QUALITY PRODUCTS



Our factory is designed with the technology of special steel production, specializing in high-quality 500MPa construction rebar. We primarily supply customized products for specialized fields while also catering to the civil construction industry with cost-effective options.



Our high-quality rebar is produced using iron ore as the raw material.



The quality of our products is ensured by the raw materials, equipment, process, and management - all four are indispensable.

COMPETITIVE PRICING



Our customers' vision is our mission. Competitive pricing and high cost-effectiveness are perpetual pursuits for any enterprise.

ZERO-DEFECT SERVICES

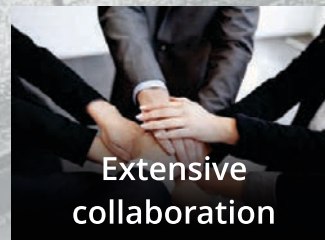
High-quality service is an extension of product value and a guarantee for building trust.



Customize



Logistics and distribution



Extensive collaboration



Stocking

VISUALIZATION SYSTEM



Twin factories



Drone aerial inspection



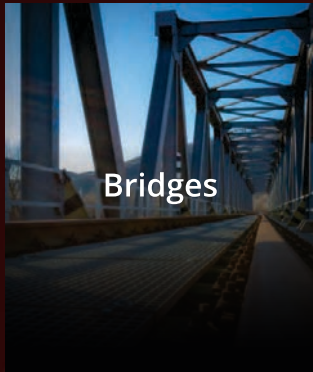
Remote control



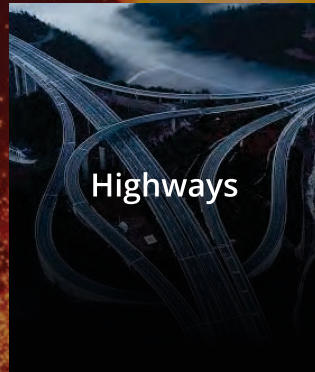
6S on-site visualization



A factory designed according to special steel production processes, specializing in high-quality 500MPa construction rebar, primarily supplying customized products for special fields, while also offering cost-effective products for the civilian construction industry.



Bridges



Highways



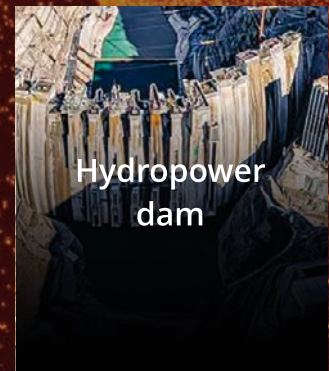
Undersea tunnels



High-rise buildings



Railways



Hydropower dam



Diligence

Specialization

Veracity

Efficiency

PDV Metals positions itself on the high-end international power plant market as an enterprise offering only excellent products and impeccable service.

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Wechatwork



Whatsapp

2024 EDITION