



FORGING A STRONGER AUSTRALIA

product preview

FORGING A greener future

PROJECT OVERVIEW

Future Forgeworks is a Queensland-founded and owned company building Australia's first greenfield steel mill in 30 years. Located in the heart of Swanbank's industrial precinct in South-East Queensland (SEQ), the Swanbank Steel Mill will manufacture 365,000 tonnes of reinforcing bar (rebar) and compact coil per year, from 400,000 tonnes of locally sourced scrap metal.

First steel production is expected mid 2028, strengthening the future of Australia's steel industry through increased sovereign capability in advanced manufacturing and supply chain resilience.

A WIN FOR INDUSTRY & SUSTAINABILITY

We are adopting continuous mill technology (CMT) developed by global leader in steel equipment manufacturing, SMS group. With CMT, the billet reheating process is omitted to reduce energy consumption, transformation time, carbon emissions and improved material yield.

Paired with a renewable energy-powered electric arc furnace (EAF) and modern quenching practices, this process technology delivers the greenest, safest and most efficient production option for high-quality rebar products, bringing a step change in national steelmaking capability.

SWANBANK STEEL MILL

Patrick Street
Swanbank QLD 4306
+61 7 2143 9111
enquiries@futureforgeworks.com.au

365k

tonnes of rebar produced annually

400k

tonnes of currently exported scrap steel redirected back into Queensland's circular economy

75%

of QLD & Northern NSW rebar market supplied by Future Forgeworks

27%

of total Australian rebar market supplied by Future Forgeworks

\$100m+

short-term economic stimulus into the South-East Queensland region, supporting local community

500+

jobs across the supply chain

400+

local jobs for mill construction

~200

long-term on-site mill jobs, up-skilling Australian workers in global cutting-edge steel manufacturing technologies

OFFTAKE opportunity

The Swanbank Steel Mill will produce rebar in straight and compact coil forms with future provision for wire rod products.

Our 100% Australian made and certified rebar products will align with government and commercial sustainability targets, and enable the building and construction industries to domestically source the steel critically needed for Australia's future civil and residential projects.

Opportunities for long-term offtake are now available through our commercial team.

CONTACT US

OMAR PINARELLO

Chief Commercial Officer

omar.pinarello@futureforgeworks.com.au
0411 142 192

ROHAN RICHARDSON

Managing Director

rohan.richardson@futureforgeworks.com.au
0427 500 017



Our products are categorised under AS/NZS4671 steel classification standards.

Product	Size	Shape	Strength	Ductility	Diameter
Straight rebar (RB)	6.0 = 6 m	D = Deformed R = Round	250L = 250 MPa	L = Low N = Normal E = Earthquake	10–40 mm
	9.0 = 9 m		500N = 500 MPa		
	12.0 = 12 m		600N = 600 MPa		
			750E = 750 MPa		
Compact coil (CC)	2.0T = 2 t	D = Deformed	250L = 250 MPa	L = Low N = Normal E = Earthquake	10–25 mm
	5.0T = 5 t		500N = 500 MPa		
	8.0T = 8 t		600N = 600 MPa		
			750E = 750 MPa		



Future Forgeworks will seek accreditation with peak industry bodies so our customers can be assured of the quality and sustainability of our products. We are confident that accreditation conditions will be met once steel production commences in 2028.

 **AUSTRALIAN MADE**
100% Australian steel

 **ACRS**
Australasian Certification Authority for Reinforcing and Structural Steels (AS/NZS4671 bar and coil)

SRIA
Steel Reinforcement Institute of Australia

ISCA
Infrastructure Sustainability Council of Australia

 **SSA**
Steel Sustainability Australia

GBCA
Green Building Council of Australia

LSA
Life Cycle Assessment: ISO 14040 and 14044 (Environmental management)

Note: Accreditation applications will be progressed according to requirement.

ECO-D500N

deformed or round straight rebar

500MPa rebar is the industry standard for reinforcing concrete structures.

- Deformed rebar enhances the bond between the steel bar and concrete.
- Round rebar can be used for connecting columns and girders, and as dowels.

Deformed	Round	Av. bars /tonne (6m lengths)
D10	R10	260
D12	R12	179
D16	R16	101
D20	R20	65
D24	R24	45
D28	R28	33
D32	R32	25
D36	R36	20
D40	R40	16

Length	Min. tonnes	Max. tonnes
6 m	1.5 t	2.0 t
9 m	1.75 t	2.25 t
12 m	2.0 t	2.5 t

Bulk/custom orders also available with:

- 250, 500 and 600 MPa grade
- Custom diameters between 10–40 mm
- Custom lengths between 6–18 m
- Ductility classes: N, L, E

*PREVIEW: product availability subject to change.

10mm

12mm

16mm

20mm

24mm

28mm

32mm

36mm

40mm

SIZE GUIDE

Nominal diameter sizes shown. Ribs and bar marks will alter the diameter for deformed bars.

6 m

9 m

12 m

ECO-D500N

deformed compact coil rebar

Deformed reinforcing bar supplied as compact coil, ready for multipurpose fabrication.

Product	Diameter
D10	10 mm
D12	12 mm
D16	16 mm
D20	20 mm
D24	24 mm

Weight	Height	External diameter
2.0 t	900 mm	1500 mm
3.0 t	900 mm	1500 mm
4.0 t	900 mm	1500 mm
5.0 t	900 mm	1500 mm
6.0 t	1100 mm	1600 mm
7.0 t	1100 mm	1600 mm
8.0 t	1100 mm	1600 mm

Bulk/custom orders also available with:

- 250, 500 and 600 MPa grade
- Custom diameters between 10–25 mm
- Weights between 2–8 tonnes
- Ductility classes: N, L, E

*PREVIEW: product availability subject to change.



