



GRINDING MILL SHELLS & HEADS

to Ø44ft (13.4m)



- Fabricated steel • Cast SG Iron • Solid stainless steel
- Stainless steel clad • Bimetallic plate

MANUFACTURING CAPACITY:

2 Manufacturing Sites: • Bassendean - Western Australia • Bendigo - Victoria (Australia)

Max Shell Size: Ø13.4m (44ft)

Lift Capacity: 210 tonne (231 ton) x 17m (55.7ft) under crane hook

Vertical Rolls: 6000 tonne (6600 ton) & 4000 tonne (4400 ton)

Sub Arc Welding using tandem head inverter technology

Machining to Ø16m (52ft) x 6m (19.7ft) x 300 tonne (330 ton) capacity rotary table

Floor Borers: 15.3m (50ft) x 5.0m (16ft) & 12m (39ft) x 3.9m (12.8ft)

Heat Treatment: Stress Relieving Ø14m x 4m high

Surface Finish: Abrasive Blast / Paint Booths / Epoxy Coating, Rubber Lining



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6000 TONNE VERTICAL ROLLING PRESS

- Thickness (max): 220mm.
- Width (max): 3,650mm.
- Hardness (max): 390 BHN.



FABRICATION

- Typical steel plate to AS3678 Grade 250, EN S235JR, ASTM A36.
- Segments profiled to shape with bevelling.
- Stainless steel clad plate available.
- Plate UT examination to AS 1710.
- Flange plate Z property tensile tested.
- Welded and tested to AWS D11.
- Stainless steel to AWS D1.6 available.



VERTICAL BORERS

BENDIGO:

- Up to Ø9.22m x 4.45m height 200t.

BASSENDEAN:

- Up to Ø8.75m x 2.7m height 200t.



FLOOR BORERS

BENDIGO:

- Up to 15.3m x 5.0m high x 1.25m Z travel.
- Floor plate area 19.50m x 6.55m.
- Rotary table 2.5m x 2.5m x 200t.



BASSENDEAN:

- Up to 12.9m x 3.9m high x 2.0m Z travel.
- Floor plate area 18.0m x 6.0m.
- Rotary table.



LARGE VERTICAL MACHINE

BASSENDEAN & BENDIGO:

Floor borer and 200t table to machine and drill mill shells up to Ø15m by 7m height.



GANTRY MACHINING CENTRE

- Unique boom arrangement combined with a rotary table will allow the machine to act as vertical borer and drill on the same set up.
- Max capacity Ø15m.



WELDING MANIPULATOR

Adjustable to accommodate head angle. Manipulator and boom drives synchronised. 200 tonne capacity. CNC controlled for SS cladding of heads and shells.



ROAD & SEA FREIGHT



ANTONOV AIRFREIGHT TO 90T/PIECE

HEAT TREATMENT

Stress relieving furnace Ø14m x 4m

SURFACE FINISH

Abrasive blast, paint, Epoxy coat and rubber line as required.

PACKAGING

Machined surfaces coated with rust inhibitor. Packaged and protected for road, ocean and air freight.

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