

A background image showing a close-up of a welding process with bright sparks and a blue-tinted overlay. The word 'BERG' is centered at the top in a light blue, sans-serif font.

BERG

# WELDING CAPABILITIES

[bergengineering.com.au](http://bergengineering.com.au)

## PRESSURE EQUIPMENT

**Pressure equipment manufacture, repair and modification**

- Valves (all types and shapes)
- Pumps (All types and shapes)
- Heat exchangers
- Vessels
- Pressure piping
- Expansion joints
- Autoclave parts

**All materials, specialising in exotic material welding, overlay/cladding and joining**

All Australian and international standards, AS 1210, AS 4041, ASME, ISO 15607, API

## STRUCTURAL

**Heavy structural manufacture, repair and modification**

- Buckets
- Grabs
- Safety platforms
- Skids
- Transport frames
- Chutes
- Rail parts – Bogies, undercarriages,
- Titanium agitator blades

## WEAR & PROTECTIVE SOLUTIONS

**Berg offers a wide range of solutions to protect and extend the life of many components**

- Valve bodies and parts
- Pump housings and their rotating parts
- Ground engaging tools
- Drilling equipment
- Screw feeders
- Rotors
- Shaft sleeve
- Mixing flights

## CAPABILITIES

### WELDING CAPABILITIES INCLUDE:

- In-house welding engineering
- Extensive PQR database, >300
- Full traceability and compliance with all standards and customer requirements
- All welding supervised by qualified welding supervisors
- Specialising in exotic and dissimilar material welding

## WELDING EQUIPMENT

- 15x Lincoln Powerwave (5th gen) 500 amp, with watercoolers
- 5x GTAW, 300-400 amp water-cooled
- 1x Tip Tig – Unique hot wire GTAW process
- 2x PTAW – Plasma welding system – Overlay/cladding and autogenous key hole joining

## MANIPULATION

- 7x 5t positioners
- 4x 1-2t positioner
- 1x 20t turn table
- 1x 10t turn table
- Column and boom (2x2.5m), integrated with positioner (1.2t), Fully programable
- Drive rollers up to 5t
- 50t under roof
- Various mechanised oscillating systems

# **BERG** **WELDING** **CAPABILITIES**

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