



HARD CHROME PLATING SOLUTIONS

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# OUR FACILITIES

Berendsen Fluid Power's dedicated hard chrome plating facility in Kings Park is optimised to support our hydraulic repair divisions around the country.

Berendsen's hard chrome plating facilities are geared to meet the needs of large scale industrial hydraulics customers. From earthmoving machines to high duty cycle manufacturing machines, cranes, underground mining equipment and agricultural machines.



## SULPHAMATE NICKEL PLATING

Sulphamate nickel plating is offered in conjunction with hard chrome plating and provides a durable, wear-resistant and corrosion-resistant surface suitable for damp saline environments such as underground coal mines. This material has a high degree of purity and density together with superior ductility and high-temperature resistance. In addition, the efficiency of the plating process makes nickel-chrome plating an economical option in situations where heavy build-up is required.

## HARD CHROME PLATING

Industrial hard chrome plating is an integral part of many hydraulic components such as cylinders, pumps and motors. This material has high hardness and a low coefficient of friction, which gives it superior resistance to the abrasive and erosive wear encountered during hydraulic machine operation. Hard chrome also has excellent corrosion-resistance, protecting against atmospheric oxidation and other forms of corrosion.





## STRIPPING TANKS

We operate electrolytic stripping tanks in a range of sizes to efficiently remove chrome from a wide variety of pieces, including those of unusual shapes such as industrial moulds.

*Max solution depth 4500mm*



## CYLINDRICAL GRINDING MACHINES

In the hands of our experienced operators, our complement of cylindrical grinding machines accurately removes worn material from piston rods and other components in preparation for plating.

*Max job size 4200mmL x 600mmOD*



## CHROME PLATING CELLS

Our facility operates seven chrome plating cells of different dimensions to accommodate a wide range of pieces of differing sizes and unusual shapes.

*Max solution depth 3800mm*



## SULPHAMATE NICKEL PLATING CELLS

Our facility operates three sulphamate nickel plating cells. Sulphamate nickel plating is applied in conjunction with hard chrome to produce a corrosion and wear resistant surface suitable for damp saline environments such as underground mines.

*Max solution depth 2000mm*



## LINISHING STATIONS

To ensure a perfect surface finish, our finishing machines are used to sand cylindrical parts with belts of differing abrasiveness to achieve the specified surface texture and material thickness.

*Max job size 4200mmL x 430mmOD*



## ROD STRAIGHTENING PRESS

Our rod straightening press enables us to straighten piston rods with up to 300tn pressing force, thereby minimizing the amount of material to be removed to achieve concentricity and chrome build-up required to restore original size.

*Max Force 300tn*

# WE PROVIDE QUALITY HYDRAULIC SERVICE AND REPAIR AUSTRALIA WIDE

## Adelaide

08 7221 0300

1/9 Rosberg Rd, Wingfield SA 5013

## Brendale

07 3881 0202

8 Moonbi St, Brendale QLD 4500

## Bundaberg

07 4181 0300

8 Kay McDuff Dr, Bundaberg, QLD 4670

## Mackay

07 4999 5400

42-44 Southgate Dr, Paget QLD 4740

## Melbourne

03 9760 5000

7 London Dr, Bayswater, VIC 3153

## Newcastle

02 4915 1800

10-18 Carbine Cl, Wallsend, NSW 2287

## Perth

08 9353 1066

2/33 Colquhoun Rd, Perth Airport, WA 6105

## Richlands

07 3120 3200

20 Bernoulli St, Richlands, QLD 4077

## Sydney

02 9765 8888

1-4 Denoci Cl, Wetherill Park, NSW 2164

## Toowoomba

07 4634 2477

Unit 2/1-5 Gardner Crt, Toowoomba QLD 4350

## Wollongong

02 4298 4000

6-8 Brady St, Berkeley, NSW 2506



We have been at the forefront of Australia's hydraulic industry for over 25 years, offering a comprehensive range of fluid power service and repair facilities, products and system solutions, as well as our own range of manufactured products.

### Competitively Priced Products

Berendsen is a leading distributor of premium brand hydraulic products.

### Quality Service & Repair

Berendsen is a leading provider of first class hydraulic service & repair.

### Custom Cylinders & Manifolds

Berendsen is a leading manufacturer of hydraulic cylinders & manifolds.

### Custom Hydraulic Design

Berendsen is a leader in hydraulic system design and industry expertise.

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