



UNISTEEL
AUSTRALIA
STAINLESS STEEL SPECIALISTS

WELCOME

Welcome to the first issue of the Unisteel Australia newsletter. The aim of this newsletter is to offer a wide variety of information that will assist and benefit you, the end user, with useful hints, a variety of services offered, new and existing products available

NEW PRODUCTS - New 445M2 Grade

Unisteel Australia now has on offer a range of stainless steel for you to choose from.

Unisteel offers the standard 304 grade stainless steel, along with the 316 marine grade and now introducing the **445M2 grade**.

445M2 has a ferritic microstructure and a higher content of chromium, which gives better benefits:

- Higher resistance to atmospheric corrosion & pitting corrosion in water containing chlorides
- Not subject to stress corrosion cracking, or intergranular corrosion when welding properly
 - Much better working characteristics, easier to cut, bend and fold
- Greater thermal properties, giving less distortion in welding and requiring less track welding
 - Lower density, covering 3.5% more area at the same weight

This grade is ideal for kitchens, food preparation, outdoor furniture and rainwater tanks

UNISTEEL SERVICES

Unisteel offer a full range of services to best suit your requirements and desires.

The capabilities of the Unisteel facilities is not limited to one off **CUSTOM DESIGNS**, but also includes quality production runs utilising our broad resource base. Other services include..

WELDING SERVICES - MIG, TIG, spot & stud welding

PUNCH & PRESS - A range of square and round die's in conjunction with swing and flywheel presses

CUTTING - The production area includes automatic and manual guillotines capable of cutting all materials up to and including 2mm stainless steel

BENDING - Automatic and manual panbrakes suitable for light to heavy duty fabricated construction. Bending capability from 2mm stainless steel to 4mm mild steel

SPECIALISED BENDING - The hydraulic pressbreak provides precision bending capabilities, great for high volume production. This system ensures consistent and accurate bending with a tolerance to 0.01mm through the digital control unit

MACHINING - The metal turning lathe performs various operations such as cutting, sanding, knurling and drilling

PLASTIC SERVICES - Equipment suitable for bending, cutting and forming various types of plastics and timber

OTHER SERVICES - Drilling, tapping, grinding, finishing pipe, tube and bar bending



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MORE DETAILS AND
EXAMPLES**

www.unisteel.com.au