

# PRODUCT & Services Guide

WEAR SOLUTIONS FABRICATION Manufacturing 24/7 Support



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# **OUR COMPANY**



C&S Mining Services is a West Australian family owned and operated organisation founded in 2014. We have years of experience in manufacturing, fabricating, supplying and installation of quality products utilised in asset protection across the resource, energy & infrastructure industries across Australia.

Our knowledge and onsite experience enables us to provide total wear solutions establishing us as a leading supplier across the mining sector & other heavy duty industries. We have the capabilities and expertise to offer customised wear solutions on a wide variety of scales for projects across Australia through our office located in Perth, Western Australia.

At C&S Mining Services, the health and safety of our qualified trades team is the number one priority. Since the company was founded in 2014, we have achieved a zero medically treated injury ('MTI') rate and lost time injury ('LTI') rate.

Our focus is to become a trusted partner for high-performance Polyurethane, Ceramic & Metallic Wear Solutions, designed to meet the unique challenges of the Australian landscape. With our expertise, innovation, and commitment to quality, we strive to deliver exceptional value and reliability to our clients, helping them achieve operational excellence and maximise productivity in their mining operations.



### **POLYURETHANE SOLUTIONS**

We offer on-site manufacturing of a large range of polyurethane (PU) specialised solutions, including custom designed OEM replacement parts to suit your application ensuring longevity and productivity. Our engineered polyurethane is highly-competitive and ready for the harsh environment of Australian mining & other industries.

Contact us for on-site application analysis & customisation of a full range of polyurethane parts, liners and accessories, including customised solutions, packaged for convenience & OHS standards, delivered straight from our warehouse.

Discover our customised range of specialised polyurethane products tailored to meet your unique requirements.



#### **LINING SOLUTIONS**

Our innovative pipe solution features a polyurethane internal lining, specifically designed for applications involving highly abrasive slurries and corrosive chemicals. Understanding that different applications require specific solutions, we offer a range of polyurethane grades.



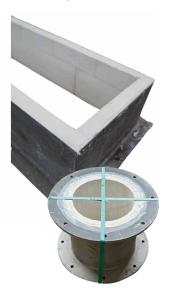


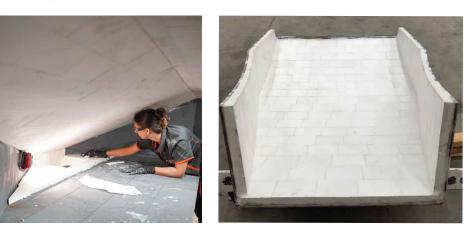


#### **CERAMIC SOLUTIONS**

We offer onsite ceramic tiling & liner solutions for specialised products, custom designed to suit your application providing a longer lifetime and higher performance.

Our ceramic wear range can be secured to any mobile or fixed plant and applied to a range of products including chutes & spools. It can also be utilised as reclaimer bucket wear lining & for ceramic lagging (direct bond dimple tile/ direct bond flat tile.)





SPECIFICATIONS: Ceramic (92%, 95% ZTA, SiC), Tile Thickness Range: 6/ 13/ 25/ 50/ 100mm. Total Liner Thickness Range: 37/ 50/ 63/ 112/ 163mm.

#### SILICON CARBIDE SOLUTIONS



We offer a range of silicon carbide (SSiC, RBSiC, NBSiC) options to suit a variety of industrial applications.

There is a wide range of shapes, sizes, and thickness options available. All our products are custom made in our WA facility, where quality and tolerances are our priority.

Manufacturing in-house also enables us to make custom site-specific solutions, cost-effectively and with short lead times.



#### **PIPEWORK SOLUTIONS**

We offer precision and reliability in industrial pipework manufacture & welding solutions. Our expert welders design, fabricate, repair pipe work including pipe spools for site-specific requirements, including custom designs to suit any application.



- Pipe Y-Bend/Lateral Spool
- Pipe T-Bend/Reducing Tee Spool

RUBBER, POLYURETHANE & CERAMIC LINING AVAILABLE





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 We have the capabilities and expertise to offer customised wear solutions on a wide variety of scales for projects across Australasia.

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### **FABRICATION SOLUTIONS**

We offer premium grade fabrication solutions, including Structural Steel, Pipework & Platework, designed specifically for use in a wide range of industrial applications.



Our fabrication facility and team of certified welders deliver continuous precision and quality. From complex machined components to intricate weld procedures, we have the capabilities & experience to undertake any Stainless Steel (SS) and/or carbon fabrication project. Adhering to strict quality control processes, we ensure each fabricated solution meets your unique specifications.

#### Offering complete in-house capability.

Manufacturing in-house enables us to make custom site-specific product solutions, efficiently and cost-effectively, while maintaining high quality and fast lead-times.



### **METALLIC SOLUTIONS**

We offer premium grade Metallic materials, including Chromium & Tungsten, designed specifically for use in a wide range of industrial applications.

Manufacturing in-house enables us to make custom site-specific product solutions, efficiently and affordably, while maintaining quality and fast lead-times, ensuring that your unique requirements are met with excellence.







### **CONVEYOR SOLUTIONS**

We offer onsite application analysis & reporting for specialised design and manufactured products including a full range of Conveying Components & accessories, including custom made to suit your application.

Manufacturing locally enables us to make custom site-specific solutions that suit your specialised requirements. We utilise multiple additives allowing us to deliver a range of product solutions to suit a variety of applications.



#### **Conveyor Components & Accessories**

- Light-Weight Conveyor Rollers
- Conveyor Lagging
- Conveyor Belt Repair Kit (WRM-Premium)
- Heavy Duty Impact Beds
- Deglogging Rods
- V-Ploughs
- Diagonal Ploughs
- Diverter Ploughs
- Mounting Cushions & Tips (P & H Type)
- Polyurethane Primary Replacement Blades

Our conveyor rollers are locally sourced with lightweight composite material with patented design sealing arrangements & are available custom made to suit any requirements.

Contact us for a custom-made, cost effective product solution specific to your application.



### **REFURBISHMENT SOLUTIONS**

By choosing C&S Mining, you gain access to a skilled team renowned for their industry knowledge, experience and customised site-specific solutions for all wear-related challenges. Our manufacturing facility in Neerabup, WA, allows us to ensure quick lead times and timely deliveries, all while maintaining the highest quality standards for our products.



#### SPECIALISED SERVICES



Our team are trained to provide the highest quality products & services in-house including specialised site services, and consultations.

We can assist with full project management including: design, manufacturing, alterations/ modifications & rotable spare part refurbishment.

- Chutes
- Impact Beds
- Deflectors
- Bucket Wheels/ Reclaimer Buckets
- Spill-face/ Sliding Chute
- Launders
- Pipes/ Spools
- Pulley Refurbishments (Ceramic Direct Bond, Rubber or PU Lagging)
- Ceramic/ Metallic Wear Liner Kit Sets
- Cutting & Studding Services

#### **PLANT & EQUIPMENT HIRE**

The C&S Crane and Plant division supplies equipment to meet specialist requirements across a wide range of industry sectors and project types including minesites, construction projects, infrastructure upgrades and new builds, as well as engineering and shutdown services.

Our fleet is regularly serviced utilising manufacturer service personnel and maintained by trained and accredited C&S operator/ service equipment specialists.

C&S mining provides cost effective solutions for hire that give our client's the most value guaranteed.

#### Our current fleet of well maintained equipment:

- Franna's
- Cranes 50–250T
- Excavators
- Skid Steer
- Prime Movers
- Cat Loaders/ IT's Low Load trailers







#### ONSITE INSTALLATION, **MAINTENANCE & SERVICING**

Our servicing & repairs are carried out by our service & maintenance experts in-house.

We offer on-site application analysis, quotations & assessments.

- Project work delivered to designated scope
- On-site Audit Services (Incl. Chute/ Conveyor)
- Chute Scanning Services & Wear Mapping
- Wear Liner Packages
- **On-site Installation Services**
- Wet Plant Upgrades: Polyurethane Lined Pipes & Spools
- Cyclones Upgrades (Ceramic Tiling or Polyurethane Lined)
- On-site Product Installations
- Conveyor Hard-skirt Wear Solutions/ Installations
- Wear Liner Installations (Metallic/ Ceramic)





### **TOTAL ASSET PROTECTION** FOR AUSTRALIAN MINING & HEAVY INDUSTRIES





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