

ABOUT US

Ground Support Contractors - **GSC** have been involved in Shotcrete since 1970. **GSC** is a proudly Australian owned and run family business, we are a solutions driven and work with the motto of "How can we do it better?"

Starting out as an independent contractor we have been involved in the mining industry since 1989 where the majority of the work undertaken has revolved around Hard Rock Development contract work.

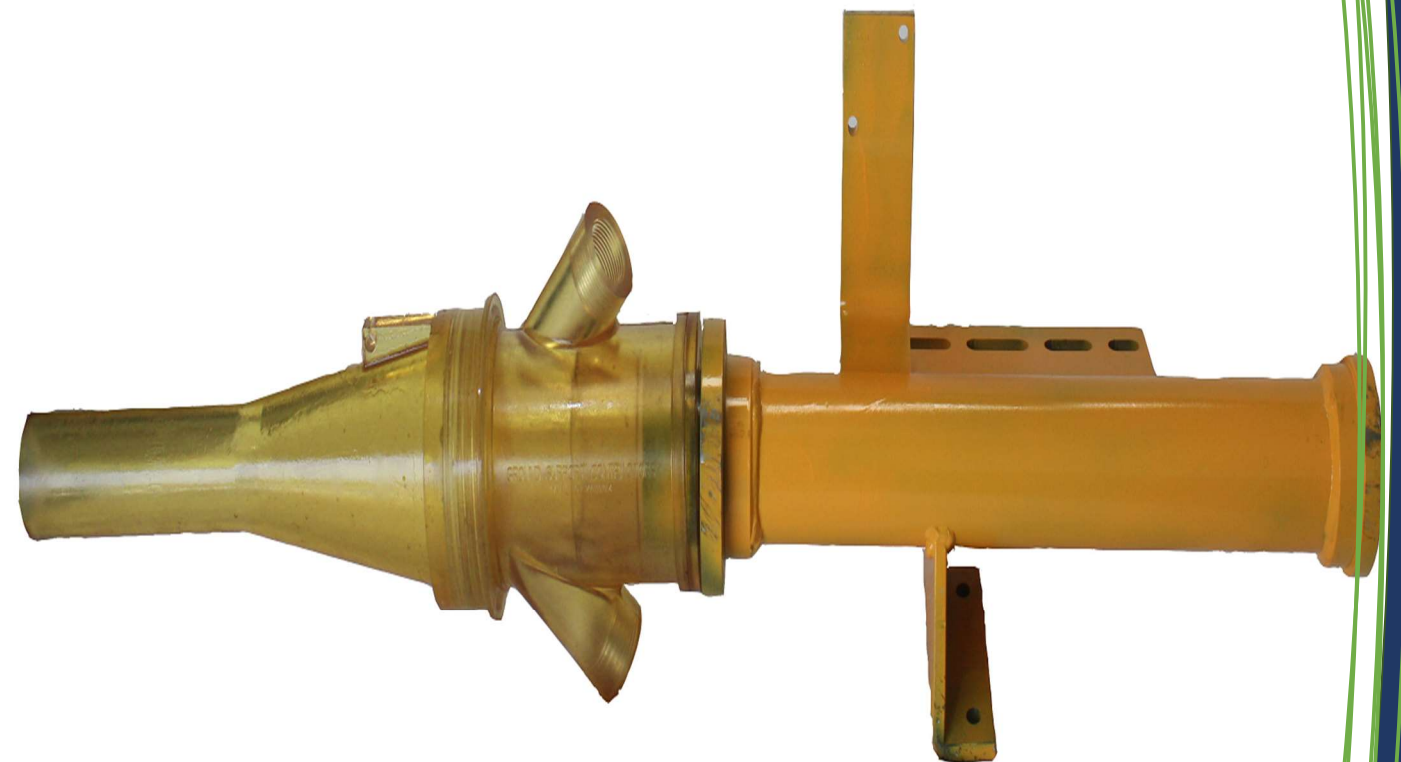
As most shotcrete nozzles on the market come with inherent problems. Over the years **GSC** developed and fine-tuned our Polyurethane Nozzle system that incorporates Safety, Performance and Quality. Together with being cost effective, easy to clean and keep clean and easy to install.

GSC's individually hand cast polyurethane three-part Nozzle System includes a Nozzle, Inner & Outer, which comes in two different sizes 2" inch (50mm) and 2 ½" inch (63mm). The **GSC** three-part Nozzle System are clamped on to a **GSC** Universal Mounting Pipe which suits both Normet and Jacon machine's which simply bolt's directly onto the machine application.

Refer to our website fo all our products available.



Unit 8-9 / 20 Mayfair Close
Morisset
NSW 2264
0411 348 283
info@groundsupportcontractors.com.au
www.groundsupportcontractors.com.au



Polyurethane 3-Part Shotcrete Nozzle System

- ✓ Safety
- ✓ Performance
- ✓ Quality

Shotcrete Nozzle

- Wear limit ring on outlet.
- Designed to blow off when blockage occurs.
- Safety chain attaches to Nozzle lug one end and GSC Universal Mounting Pipe the other.

Average wear factor : 140m³

Available in two sizes –

- 2" Inch (50mm)
- 2 ½" Inch (63mm)



Nozzle Body Inner

Average wear factor : 2000 m³

Available in two sizes –

- 2" Inch (50mm)
- 2 ½" Inch (63mm)



Nozzle Outer Body

Average wear factor : 5000m³

Available in two sizes –

- 2" Inch (50mm)
- 2 ½" Inch (63mm)



The GSC individual hand cast Polyurethane three-part Shotcrete Nozzle system

- Light weight thus less strain on boom movements.
- Extremely easy to clean polyurethane and is disassembled with the removal of one clamp. A light tap and flush with water/air will keep the unit clean all shift.
- Clear polyurethane compound for ease of viewing blockages.
- Safe to use, if a blockage occurs and the nozzle tip is blown off (as designed) easy short reach to retrieve after blown off with a safety chain that attaches between the Nozzle and the GSC Universal Mounting Pipe.
- Much more cost effective than is currently available, has less air demand and out performs all others across the board with meterage per cost.
- FRAS additive prevents ignition and static build up, if required.
- No sharp edges and light weight makes it safer for operator to handle.
- Risk assessment completed and is available if required.



UNIVERSAL MOUNTING PIPE

Universal Mounting pipe bolts directly onto both Normet and Jacon Machines.

A safety chain attaches to Universal Mounting Pipe and the Nozzle lug.

2 ½" Inch (takes up to 3" inch delivery hose)