

## CAPABILITY STATEMENT



Blast Preparation | Dust Suppression | Sales  
Training | Risk and Cost Benefit Studies | Data Collection

# STEMSAFE – THE COMPLETE STEMMING SOLUTION

As an innovative stemming and blast preparation company, StemSafe offers an all-in-one service that is a safer, smarter, specialised, dust suppressed drill and blast preparation solution for the mining, quarrying and construction industry sectors.



-  **DECREASE POTENTIAL FOR HARM**
-  **INCREASE PRODUCTIVITY**
-  **INNOVATIVE APPROACH**

Our fleet of stemming trucks and blast equipment are designed with operator safety in mind.

StemSafe's extensive range of stemming trucks, services and equipment, combined with 40+ years of industry experience, ensures you receive a safer, smarter, specialised stemming solution to fit your individual drill and blast needs.

## STEMMING AND BLAST PREPARATION SERVICES

### BLAST HOLE STEMMING AND BACKFILLING

Our stemming service reduces safety hazards while protecting the coal seams and/or ore bodies from blast damage.

### SILICA DUST SUPPRESSION

StemSafe's patented trucks feature a dust suppression sprinkler system to reduce dangerous exposure to silica and other dust hazards.

### STEMMING with WATER TRUCK CAPABILITY

Our stemming/water dual purpose trucks offer a unique solution in one time and cost effective mobile unit. This equipment can provide utilisation efficiencies by covering both water truck or stemming truck requirements in unscheduled maintenance events and loading two products at the same location.

### DRY/WET HIRE

StemSafe supply stemming and blast preparation equipment with or without specialised operator/maintainer/blast crew, as and when you need it. We are registered labour hire providers. Personnel training packages are available with dry hire equipment.

### SALES

We manufacture custom-built site-specific blast preparation equipment and trucks for the drill and blast industry. All equipment manufactured for sale includes patented safety and efficiency features as standard.

### BLAST PREPARATION CREW HIRE

StemSafe can provide a complete end to end service for mine owners and blasting service contractors by taking ownership of the stemming/backfilling blast preparation process. Providing;

- Expert personnel and specialised equipment
- Bench preparation
- Blast pattern signing/barricading
- Blast hole measuring data recording
- Blast hole condition identification
- Accurate and safe backfilling and deck placement
- LV hire for blast preparation personnel

### LOADER and ANCILLARY EQUIPMENT

We provide fit-for-purpose stemming loaders with attachments, as well as dewater pump hire.

### STEMMING MATERIAL SUPPLY

StemSafe can source, coordinate, QA (to client's specification), maintain and manage on-site stockpiles, reconcile usage and pre-order stemming/backfill material.

### RISK and COST BENEFIT ANALYSIS

Draw from our team's experience and knowledge with a risk and cost benefit analysis for your site. Studies are based on your site-specific conditions and challenges that show the real benefits for your individual operation. This service and ongoing monthly reporting is included in any wet hire or blast prep crew hire.



## YOUR BLAST HOLE STEMMING SPECIALIST

To enquire or for more information, contact the StemSafe team to customise a stemming and blast preparation solution to suit your individual needs.

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