



AUSTIN POWDER



COMPANY PROFILE



ONE AUSTIN

Imagine having a mission, a common purpose so important that it drives and motivates a united workforce to success.

At Austin Powder, we are a family.

We are here for a reason. Our shareholders are our family, and we are not here to make a profit at the expense of our customers, employees or stakeholders.

We are guided by our values and the way we do our work matters and will never be compromised.



AUSTIN POWDER

OUR **MISSION**

To improve the world we live in through the safe and responsible use of explosives.

OUR **VISION**

We will be the global leader of explosive products, services and technologies as defined by our Customers, our Family and our Communities

OUR **VALUES**

Safety is Our 1st Priority

We are **Customer Focused**

We Leverage the **Power of Family**

We Treat Everyone with **Respect**

1833



OUR HISTORY

“Austin Powder was founded in 1833 as a family business, that makes us different from our competitors and it’s one of the key reasons why people buy from us – because they trust us, and they know that the Austin name means quality, it means reliability, it means dependability.”

John Rathbun, President & CEO Austin Powder

We started with making black powder in America when the nation was young and expanding. Today we have evolved to providing the global industry with the highest quality emulsions, electronic detonators and blasting expertise.



BREAKING ROCK
SAFELY & EFFICIENTLY

INDUSTRIES WE SERVE

Austin Powder manufactures a full line of industrial explosives and provides technical blasting services. We help customers break rock in the quarrying, mining, construction, oil and gas industries - all in the service of continuing to build communities and improve infrastructure.

CONSTRUCTION

Blasting plays a vital role in a wide variety of both large and small construction projects, as well as site work for homes, roads, malls, tunneling, shaft sinking and canal widening.

MINING SURFACE & UNDERGROUND

Mining plays a critical role in providing the resources that make our daily lives possible. The conveniences and technologies enjoyed by society today would simply not exist without mining.

OIL & GAS

Each exploration project is different. Requirements and constraints regarding blasting are different and conditions on site may change daily. Austin is able to provide explosives, detonators, and accessories for drilling contractor and geophysical companies to achieve the desired seismic data.

PIPELINE

We employ certified blasters, state-of-the-art delivery systems and the safest and highest quality products. We also place great importance on environmental concerns, minimizing or eliminating any environmental impacts.

QUARRYING

Without blasting, the aggregates industry would be incapable of meeting the crushed stone demand for building and maintaining the world's infrastructure – roads, highways, and bridges.

TUNNELING

Tunnel blasting is often done in populated areas and requires expert blasting to obtain desired fragmentation and sufficient advance while keeping ground vibrations to a minimum. Our expert blasters have successfully completed major construction tunneling projects around the world.



MANUFACTURING EXCELLENCE

CONTROLLING OUR DESTINY

MANUFACTURING AROUND THE WORLD

Austin Powder manufactures a wide variety of explosive products at facilities located throughout the world. We tailor all distribution and small manufacturing locations to better serve our customers.

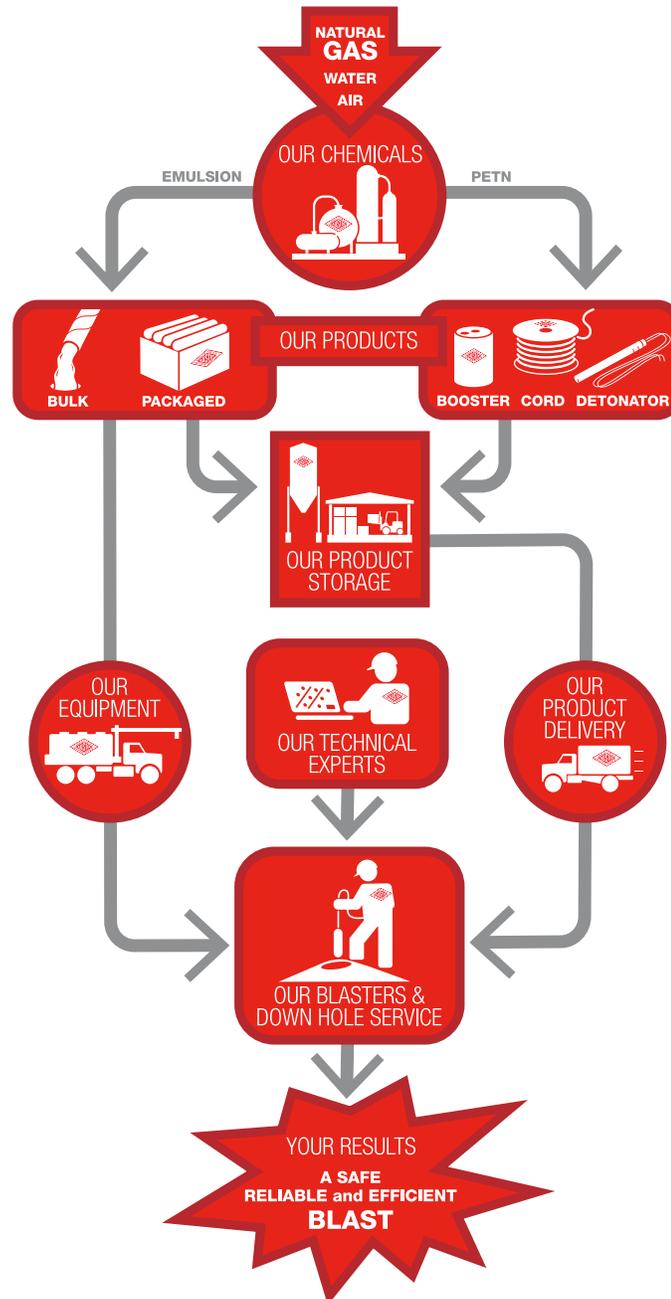




**FULLY INTEGRATED
SUPPLY CHAIN**
TO ENSURE PRODUCT AVAILABILITY

From GAS to BLAST

WE DO IT ALL



- Natural gas, air and water are the building blocks of our supply chain. We use these precious natural resources to make Anhydrous Ammonia which is then used to produce the chemicals used down-line to make PETN, ANFO, Emulsion oxidizer, and ultimately, all of our finished goods.
- We engineer, build, operate, and maintain our specialized equipment.
- Product is strategically stored in company operated locations to support our customers' operations.
- Our teams make safe, on-time deliveries using our company-operated fleet.
- Our team of Technical experts provides shot planning services to maximize your ROI.
- Our Austin blasters and operating crews provide down-hole services to ensure your site has safe, reliable, and efficient blast results.



EQUIPMENT
CUSTOMIZABLE & ADAPTABLE

AUSTIN BULK TRUCK ADVANTAGES

✔ DURABLE ✔ RELIABLE ✔ CUSTOMIZABLE ✔ ADAPTABLE

RESPONSIVE TECHNICAL SUPPORT



ANFO TRUCKS



QUAD TRUCKS
MAKE ALL PRODUCTS



PUMP TRUCKS
WITHOUT GASSING SYSTEM



PUMP TRUCKS
WITH GASSING SYSTEM



UG PUMP UNITS
RED D MINER



UG PUMP UNITS
RED D GEM



BLEND AUGER TRUCKS
HEET OR ANFO



BULK EXPLOSIVES
FOR MAXIMUM RESULTS

ADVANTAGES OF HIGH-ENERGY PUMPABLE EXPLOSIVES

- Minimal Work Crew Required
- Excellent Water Resistance
- Bulk Loading From Truck Vehicle or Pump Truck
- Efficient Use of Explosives
- Computerized Product Loading System
- Initiated With Reliable High-Energy Cast Boosters
- Environmentally Responsible
- Fills Hole Diameter Completely and Without Gaps





PRODUCTS

A FULL LINE OF WORLD CLASS
PRODUCTS



BULK

Our bulk products offer a wide range of energy and water resistance to meet any application requirements.



BOOSTERS

High-density molecular explosives designed to produce high detonation pressures for optimum initiation of blasting agents.



E*STAR

E*STAR is a fit for purpose electronic detonator-based blasting system that provides the highest level of quality, security, control and precise timing to ensure complaint, consistent blasting results.



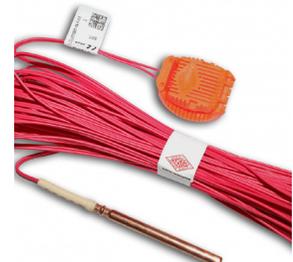
PACKAGED

Our wide variety of packaged products deliver superior results in many blasting applications.



DETONATING CORD

We manufacture a wide variety of detonating cord to meet the requirements of the mining, quarrying and construction industries.



DETONATORS

Our detonator products ensure strong initiation energy under even the most extreme conditions.



OIL & GAS

We have a wide variety of Oil*Star products for the Geophysical industry.



SEISMIC

Our products are specifically designed for the harsh conditions encountered in a modern 3-D seismic survey.

OUR PRODUCTS



E★STAR

ELECTRONIC INITIATION SYSTEM

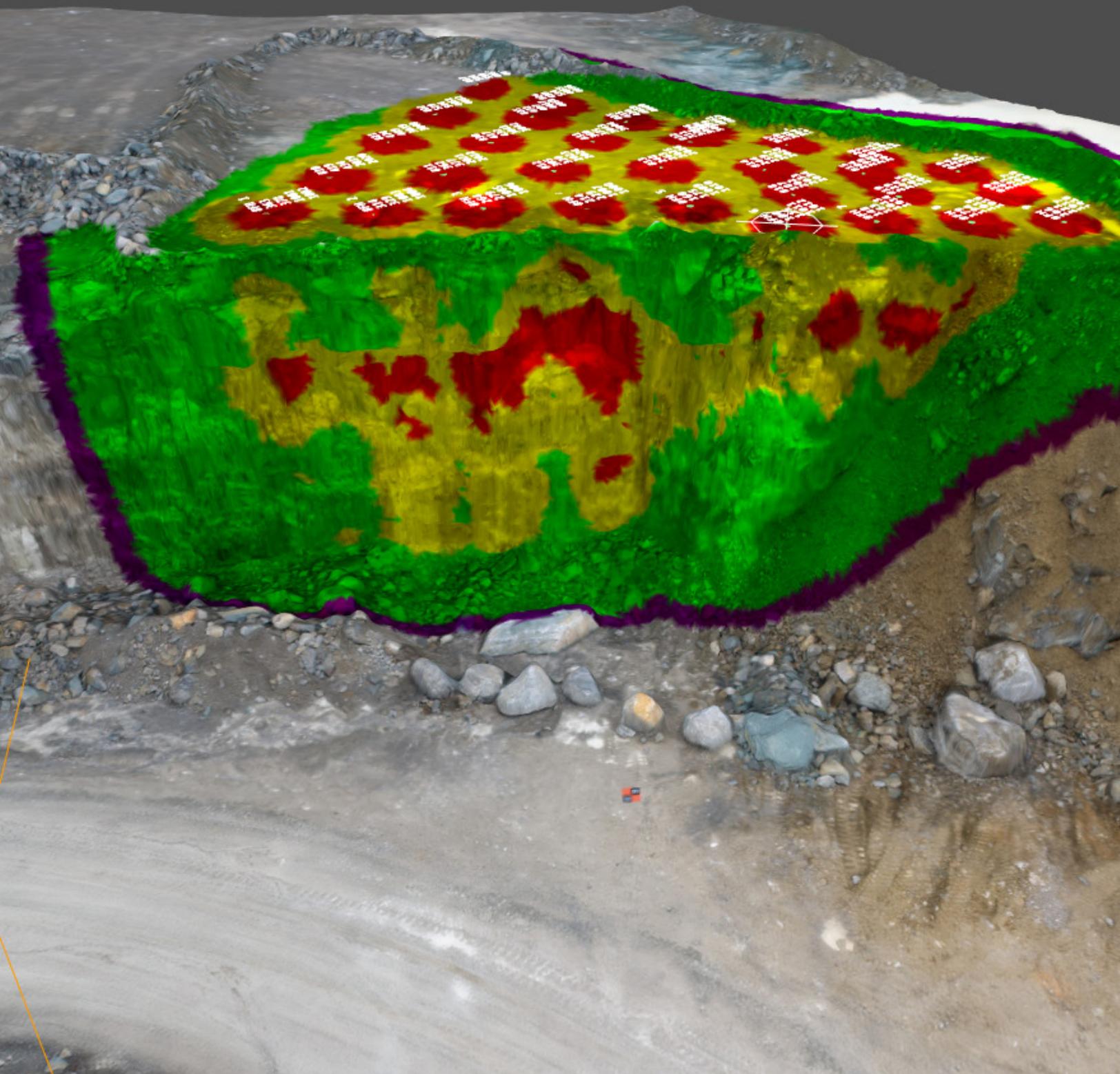
REASONS TO USE THE E*STAR SYSTEM

- The detonator has a robust copper shell and high dynamic pressure resistance
- Standard wire and heavy-duty wire both have an extra-long crimp plug for additional mechanical protection
- Bus-line options include standard and heavy-duty
- Color-coded connectors are user-friendly and suitable for all harsh conditions
- Delay range options from 1 to 20,000 milliseconds
- E * STAR Logger 2 allows for direct contact logging or touch-less RFID logging each programming up to 1,600 dets
- Remote firing available for additional safety and security
- The Digital Blast Machine can fire blasts reliably even with high levels of leakage present



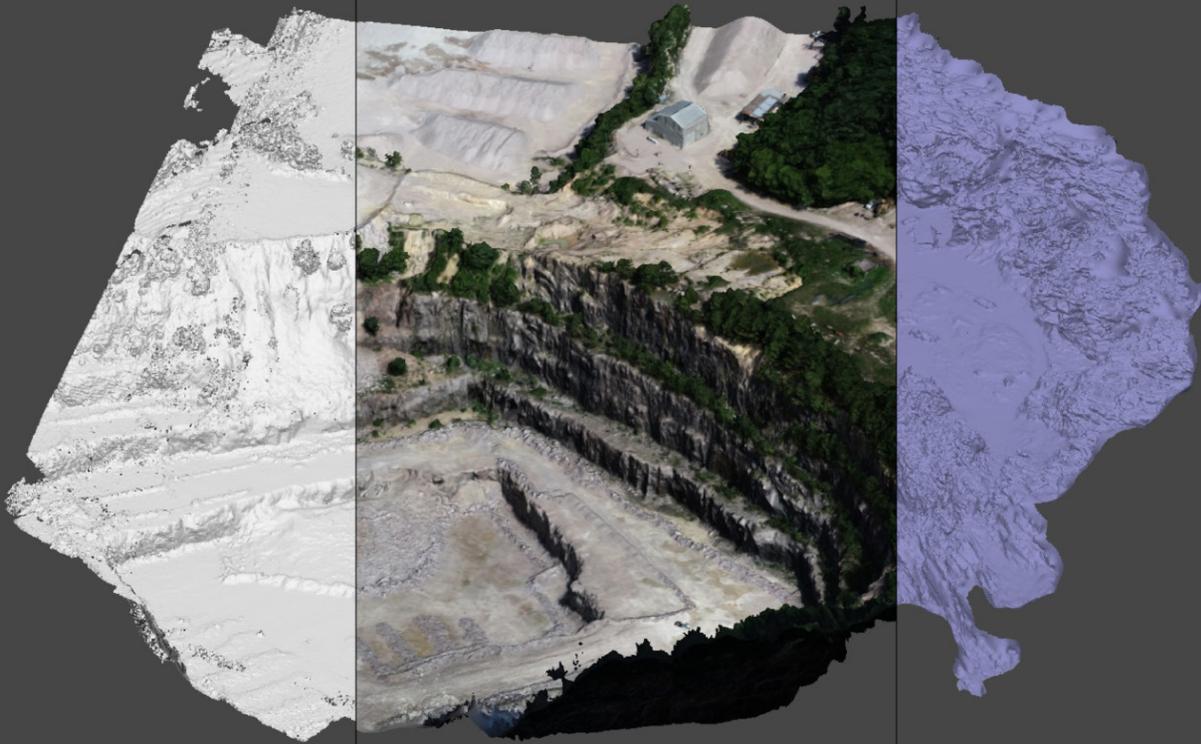
BENEFITS OF THE E*STAR SYSTEM

- Highest level of safety and security on-site
- Exceptional, industry-leading leakage tolerance
- PPV / vibration reduction
- Vibration frequency optimization
- Fragmentation improvement
- Processing cost reduction
- Back break damage reduction

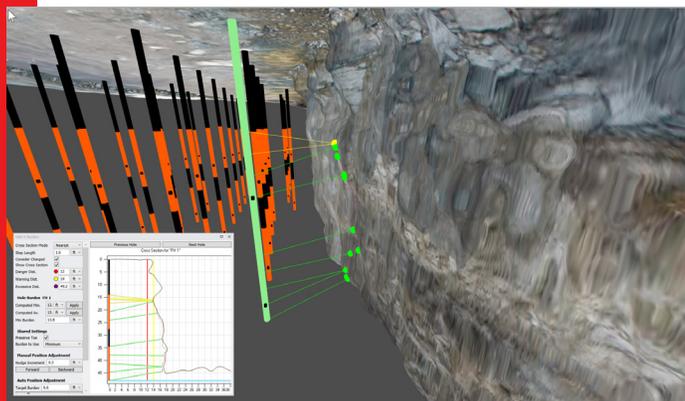
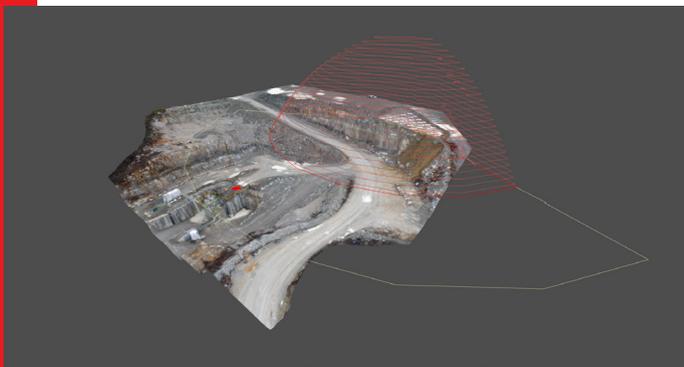


AUSTIN SOFTWARE
ENSURES EFFICIENT BLASTING

NEXT GENERATION AUSTIN SOFTWARE



To meet your requirements and improve your blast efficiency and production, we use the next generation of blasting software. Innovative tools, complex blasts, different charging and timings, complete blast analysis – everything you need in state-of-the-art software.



- Fragmentation modeling
- PPV and PVS Reduction
- Charging and Timing Analysis
- Flyrock Prediction
- Energy Distribution
- 3D Blast Modeling
- Muckpile Footprint Prediction
- Overpressure Prediction



TECHNICAL SERVICES
MAKING YOU MORE PROFITABLE

TECHNICAL SERVICES

For nearly 200 years, Austin Powder has been in the business of helping customers break rock safely and efficiently. Our long history of serving various industries is reflected with continuous development of safer, more efficient, and more reliable blasting products and innovative technologies

DELIVERY SERVICE – Safe and reliable delivery of quality Austin Powder products direct to your site complete with responsive technical product support

DOWN THE HOLE SERVICE – Safe and reliable delivery of quality Austin Powder bulk products direct to the blast hole with our mobile manufacturing units (MMU) complete with responsive technical product support.

AUSTIN SHOT SERVICE – A full blasting service led by our blasters to deliver safe, efficient, and optimized blast performance from the initial blast design to the loading process to the post-blast analysis.

PRE-BLAST TECHNICAL SERVICES

- Geological Analysis
- Survey grade GPS capabilities
- Full capability face profiling – 2D laser or 3D minimum burdens
- Computer-aided blast design and optimization
- Borehole deviation measurement
- Expert Product selection
- Virtual mining software to assist with long term mine planning solutions

BLAST TECHNICAL SERVICES

- Reliable and consistent product performance
- Unique timing solutions specific to each blast
- Rock movement simulations
- Vibration & Overpressure simulations
- Drone assisted blast videos
- Velocity of Detonation data collection
- Signature hole data capture
- Industry leading flyrock risk model

POST-BLAST TECHNICAL SERVICES

- 3D Muck pile profile and distribution analysis
- Backbreak and wall stability review
- Fragmentation analysis
- Vibration, overpressure, and flyrock model calibration
- Continual improvement through regular design and process adjustments
- Target floor grade and elevation validation



AUSTIN POWDER

Austin Powder Austin Powder is renowned for its unsurpassed customer service and its broad range of engineered solutions - from bulk trucks to underground units; emulsion technologies to electronic initiation systems; predictive vibration modeling software to optimized blast design. All solutions are developed to advance the safety, reliability and efficiency of breaking rock.

austinpowder.com