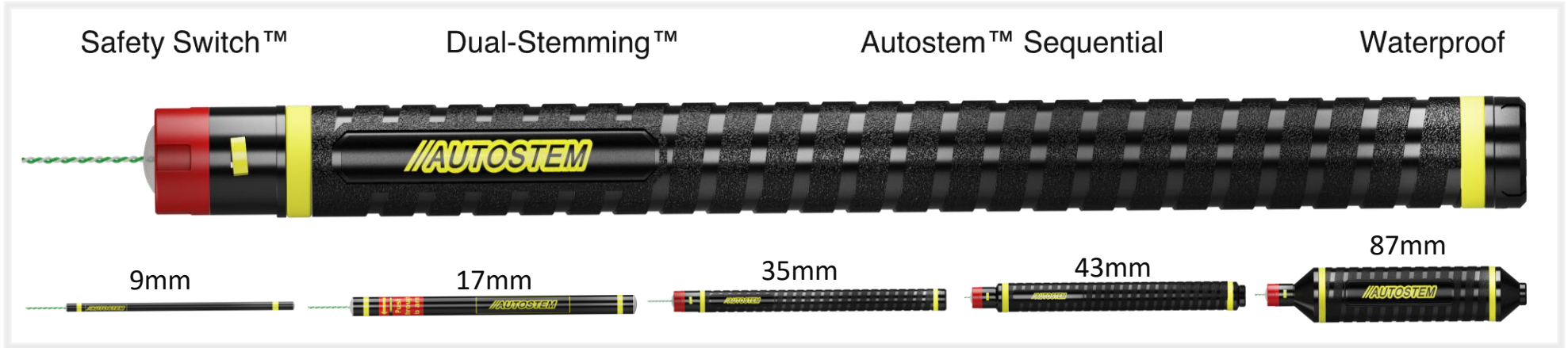


AUTOSTEM TECHNOLOGY

MINING | QUARRIES | CIVILS



THE SAFER ALTERNATIVE TO EXPLOSIVES ACCREDITED WORLDWIDE AS A GAS GENERATOR UN0432, 1.4s ,P2

THE DISRUPTIVE SMART BLASTING TECHNOLOGY

ABOUT AUTOSTEM

We are the global leaders in the research, development and commercialization of alternative explosive technology offering a safer, environmentally friendly and more cost-effective replacement for explosives. Our research and development team remains unmatched, having developed the world-patented, novel self-stemming technology and the safety switch in Autostem Generation III.

AutoStem range products offer numerous advantages over other blasting methods in sensitive locations and for specific or selective blasting needs. The AutoStem range of cartridges are available in sizes between 9mm - 87mm and power charges from 3 to 1700 gram, making AutoStem cartridges the largest range of 1.4s blasting cartridges available world-over



AUTOSTEM MEETS INTERNATIONAL SAFETY REQUIREMENTS
ALL AUTOSTEM PRODUCTS ARE ACCREDITED AND ENDORSED FOR USE BY ALL MAJOR EXPLOSIVE REGULATORY BODIES GLOBALLY.



AUTOSTEM TRAINING ACADEMY



First Training Academy for AutoStem products of pyrotechnic UN0432, 1,4s, P2 classification.

We are pleased to announce the establishment of the exclusive AutoStem Training Academy in Turkey.

We offer comprehensive theoretical and practical training courses to certify competency in all aspects of AutoStem, including usage in mining, tunneling, benching, quarrying, civil demolition, civil engineering marine work, storage, and transportation.

The Academy also offers engineering consultation services for any application.

THE AIM OF INNOVATION IS TO
MAXIMISE POTENTIAL
IMPROVEMENTS THROUGH
OPTIMIZATION

AUTOSTEM

AUTOSTEM VS. HYDRAULIC MECHANICAL BREAKERS



AUTOSTEM CARTRIDGES

- Low cost with a higher productivity & efficiency rate
- Easy, cost-efficient establishment & mobilization
- Low labour costs – easy to use.
- Environmentally Friendly
- Lower liability & risk factors
- Easy to use, safe - transport, storage & handling.
- Low Impact, No shockwave, negligible vibration & non-toxic.
- Used near to or in buildings, close to infrastructure or communities - this includes built-up areas, residential, commercial, civil and mining environments, environmentally sensitive or seismic areas.
- Eliminates the potential for damage surrounding structures or infrastructure.



HYDRAULIC MECHANICAL BREAKERS

- High cost in purchase or rental with a lower productivity & efficiency rate.
- Expensive establishment & mobilization
- High labour costs, Skilled Operator/s and maintenance technician/s required.
- Ongoing 'costly maintenance' due to high impact on plant & equipment causing frequent mechanical failure/s & costly repairs.
- Environmentally Hazardous
- Greater liability & risk factors.
- Not easy to use, potentially hazardous to environments, high Co2 emissions plant equipment & operator.
- High noise & impact vibration, can cause unforeseen damage.
- Advised against the use in "sensitive" locations, including residential and built-up areas.

REVOLUTIONARY DISRUPTIVE BLASTING TECHNOLOGY



SHIPPED GLOBALLY TO OVER 76 COUNTRIES

No security escorts or registered explosives delivery vehicle or carrier required
TRANSPORTED BY AIRPLANE

The AutoStem™ Rock Breaking System is a revolutionary alternative to conventional explosives and recognized globally as a disruptive technology which offers “world first” innovative characteristics and features that challenges traditional methods by bringing all round improvement to any rock or concrete breaking environment in both the civil and mining sectors internationally.

A flexible product range and features offer optimal improvements with beneficial solutions and outcomes to any rock breaking environment or requirement.

Our scientists are pushing the technological limits for a greener, safer, more efficient and versatile product that not only challenges but rather changes the way hard rock excavation projects and applications are planned and executed.



AUTOSTEM

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