



**BREAKER  
TECHNOLOGY,  
LTD.**

an Astec company

*formerly*  
**TELEDYNE**

# Mine

SX SERIES BREAKER SYSTEM / SHOTCRETE / REMIXER / MOBILE ROCKBREAKER

# Quarry

TM SERIES BREAKER SYSTEM / SCALER / CASSETTE SYSTEM / PERSONNEL / CRANE

# Construction

NT SERIES BREAKER SYSTEM / PIPE HANDLER / ANFO LOADER / HIGH REACH

# Equipment

RC SERIES BREAKER SYSTEM / SCISSOR LIFT / FUEL LUBE / TB SERIES BREAKERS





*Mines, quarries, demolition, recycling and construction sites. That's where Breaker Technology (BTI) equipment works.*

*They are rough locations, but our breakers and breaker systems, compactors and demolition attachments, and mobile equipment for mine and quarry support are made rugged, reliable and ready to take on any new challenge of the mining, aggregate and construction industries.*

*Our 40 years of experience in developing, manufacturing and working with our customers has positioned us as the leading producer of quality equipment for jobs from "Rock to Road."*

## BREAKER SYSTEMS FOR MINE & QUARRY

### Breaker Systems for Severe Duty Applications

For the larger stationary crushing plants, and grizzly applications, BTI offers the SX and TT Series Breaker Systems. These systems are used in massive applications where extremely hard rock is present, or a large coverage area is required. Our systems can be equipped with a 4,500 to 10,000 ft-lb class breaker. The TT and SX breaker systems are also used for material handling applications.



### Breaker Systems for Underground Grizzlies

BTI's rugged construction is reflected in all components from the oversize pins of hardened alloy steel to the temperature-enhanced weldable, high tensile strength steel for the pedestal, swing post, booms and links. These engineered features coupled with the latest techniques of manufacturing have earned BTI Booms an enviable record of availability and low maintenance.



## Breaker Systems for Stationary Crushing Plants

Both high strength and performance are top priorities at stationary crushing plants. The BTI TM Series Breaker Systems feature; maneuverability, durability and reliability. These systems offer the widest range of boom reach and breaker sizes in the industry.



## Breaker Systems for Portable Crushing Plants

BTI offers a full line of Breaker Systems suited for the Soft-Medium Rock Crushing applications. These systems feature a wide range of working lengths allowing the Rockbreaker to rake and break material and to maintain a constant flow of production through the crusher. These rugged systems are available with a 20 foot reach and up to a 2,000 ft-lb class breaker.



## Breaker Systems for Small Portable Crushing Plants

The BTI RC Series Breaker Systems have been specifically designed for recycling and light aggregate applications. These systems mount on primary impact or jaw crushing plants and provide a safe and efficient way of handling oversized material as it is fed to the crusher. The RC Series features a lighter weight and more compact design allowing the boom to be easily removed.



## Mobile Cassette Systems

The BTI Cassette System is designed as a modular, multipurpose underground 'work-horse'. The MPV "single carrier solution" include; fuel and lube, material handling, personnel carrier, scissor lift, workshop and mixer quick change cassettes. These cassette systems increase the productivity of a single carrier.



## Mobile Scissor Lift

Heavy duty scissors lift platform for drilling, roof bolting and material handling. Rugged deck engineered to handle drilling with stopers and jacklegs. A range of lift heights to meet a variety of needs. Optional side shift scissors lift platform is available to enhance coverage.



## Mobile Fuel/Lube

A mobile service station engineered to provide a range of fuel, oil and lubrication services. All pumps either hydraulic powered or powered by a hydraulic driven air compressor. All services equipped with appropriate automatic rewind hose reels and hose. Other applications: mechanic's truck, electrician's truck, personnel vehicle, service vehicle.



## Mobile Pipe Handling

Utilizing a single basic carrier in combination with various working end configurations, BTI's rugged, economical and utilitarian service vehicles support mine maintenance, safety and production functions. BTI Mobile Carriers can be outfitted as Crane, Fuel/Lube, Pipe, Mechanic's Trucks, Personnel Carriers and Scissor Lifts or as basic service and support vehicles.



## Mobile Wet & Dry Shotcrete

BTI's mechanized shotcreting systems, available in either wet or dry system configurations, offer economical solutions to unstable ground situations. Hydraulic spray arms assure even, thorough and safe coverage.



## Mobile ReMixer

Proven and rugged mechanized shotcreting systems. Remixing drums available in 4-8 cubic yd (3-6 cubic m) capacities.



## Mobile Anfo Loading

BTI offers the "custom fit" solution to your ANFO loading application. Engineered to meet demanding mine requirements, for loading short or long hauls, working ranges of up to 45 ft (14m), and available with single or dual charging vessels with capacity to suit. Provides charging with lift platform or a telescoping basket and boom.

The BTI ANFO Loading System is a complete line of modules designed for various short or long hole explosive loading and is available with single or dual charging vessels for various capacities.



## Mobile Scalars

BTI Scalars safely perform scaling operations in mines and tunnels. Feed mounted breaker provides fine control for directional control of back wall and rib scaling. Our unique telescoping knuckle boom is engineered to absorb accidental shock while scaling. BTI Scalars offer flexibility to deal with virtually all scaling situations, the maneuverability to work in tight quarters, and variable breaker power to match your scaling requirements.



## Mobile Rockbreakers

BTI's Low Profile Mobile Breaker Systems eliminate disruptive, costly and unsafe blasting in stopes, drawpoints and grizzlies, providing efficient, safe alternatives to secondary blasting. Our Mobile Breaker options include radio remote control, allowing you to operate the breaker in unsafe areas. BTI can also assist you in determining the best breaker and boom configuration for your application.



# Specialized Breaker Applications

Demolition and construction sites, steel mills, mines and quarries are often settings of special breaking situations. BTI supplies the solution to their special applications with equipment designed to enhance the breaking operation with safety and efficiency.



## Breakers

Construction, demolition, and mining all demand BTI's durable, high quality hydraulic breakers. BTI breakers feature one of the most simplified designs which guarantees customers long lasting, reliable products. These attachments mount on skid steers, loader backhoes, excavators, and wheel loaders. Breakers are used to break concrete, to downsize quarry stone and to excavate rock for the installation of underground utilities. Our breakers are available from 350 to 13,500 ft-lb class.



## Spare Parts & Technical Support

BTI have experienced personnel to assist with your spare parts and technical requirements. We offer customized training programs at our factory or at your site, and we can support you with documentation in a variety of formats.



# The BTI Mission Statement

*Our mission is to effectively balance growth and profitability by the engineering, manufacture and marketing of durable, effective product for the world's aggregate, mining industry and construction related markets. To provide exemplary customer service through attention to, and understanding of, the customer's businesses and particular needs, as well as to provide a safe, challenging and enjoyable work environment for our employees.*

# The BTI Quality Statement



*Quality Product + Best Cost + On Time = Satisfied Customer & Profitable Growth.*



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