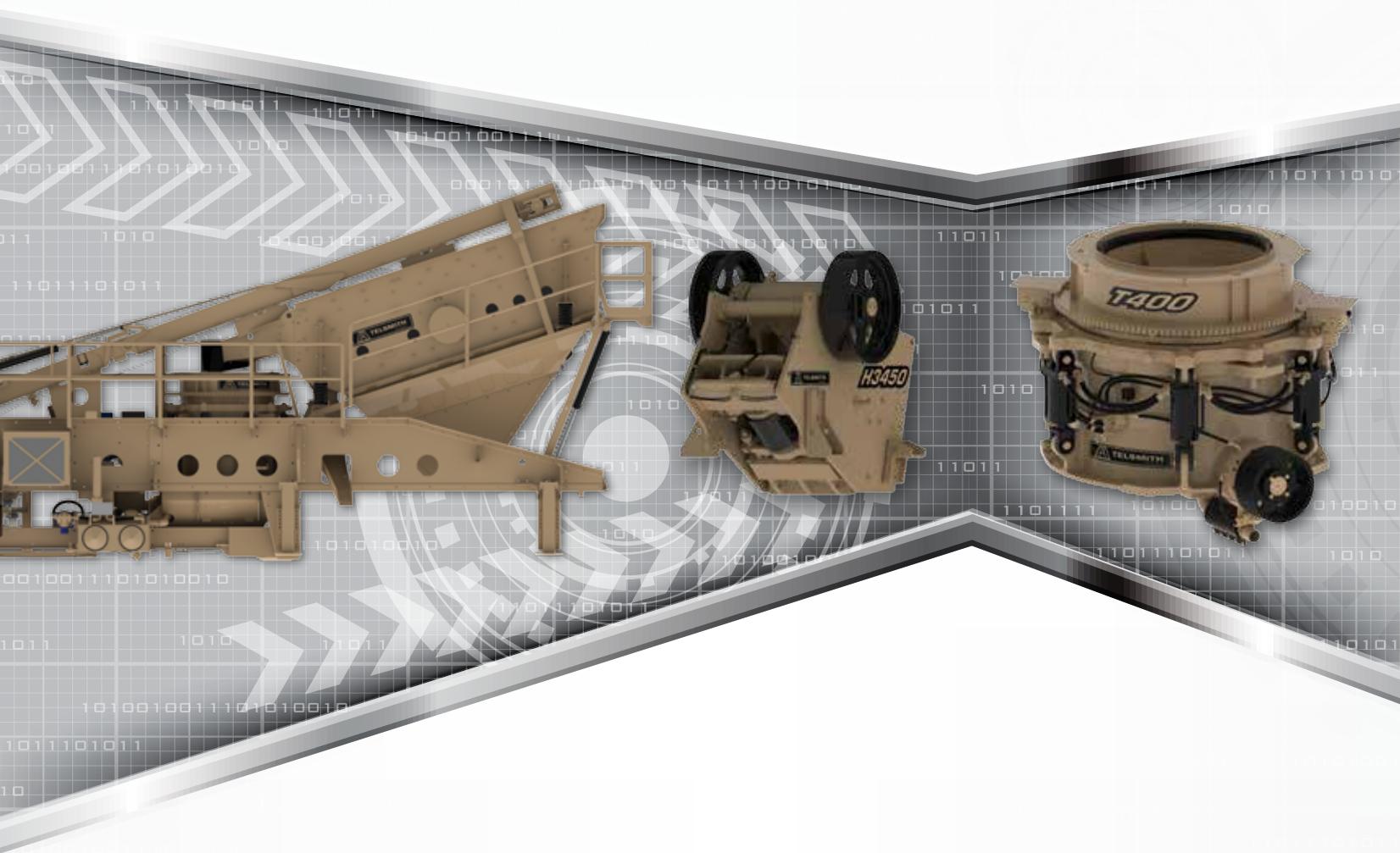


# TELSMITH PRODUCT OFFERINGS

GLOBAL PROCESSING SOLUTIONS



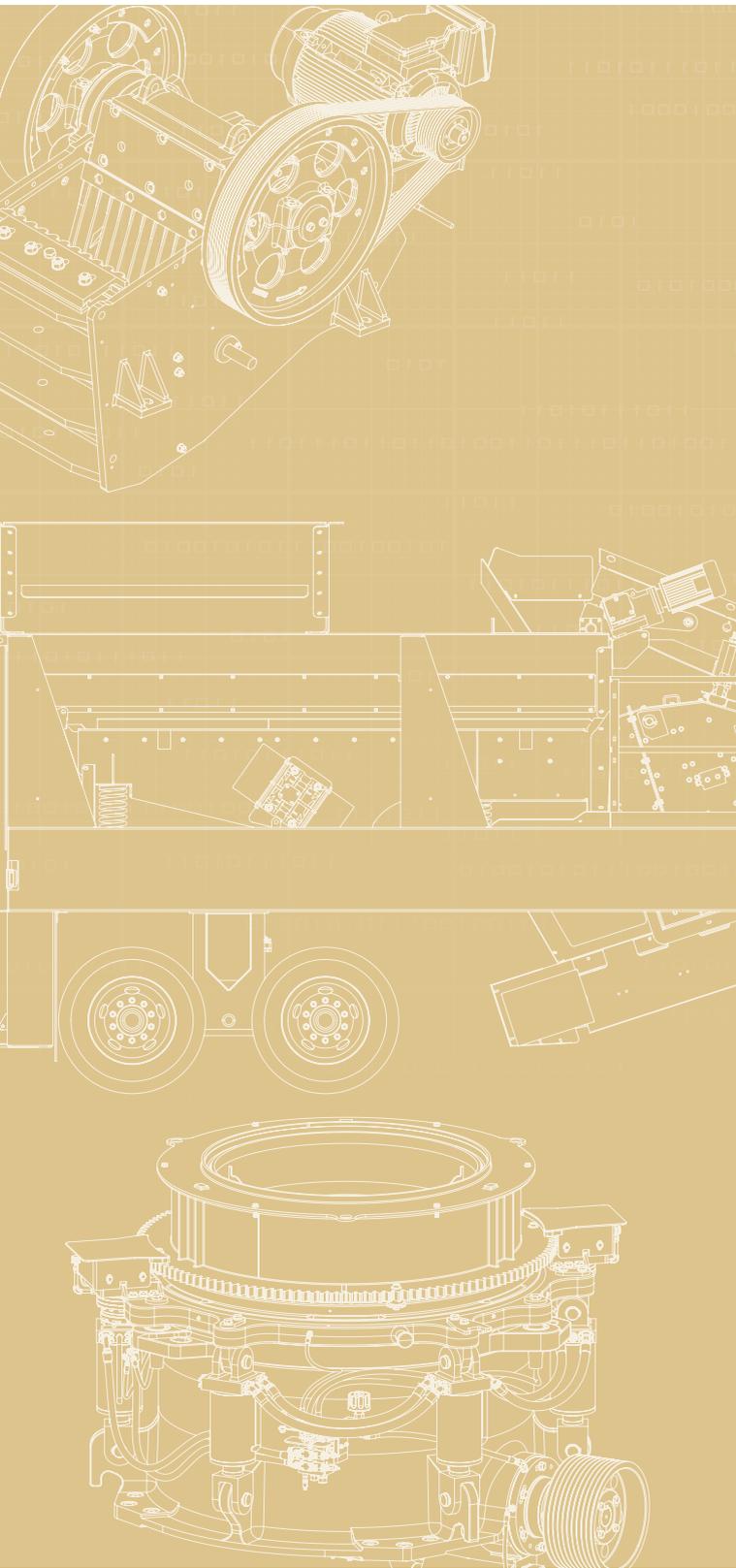
CRUSHERS SCREENS FEEDERS PLANTS



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# THIS IS TELSMITH



From a campus in the Midwestern portion of the United States, every member of Team TelSmith is focused on utilizing advances in technology and adhering to stringent quality standards in providing integrated processing solutions to customers throughout the world.

TelSmith provides a full range of integrated processing equipment to the aggregate, mining, industrial, and recycling industries with cone crushers, jaw crushers, vibrating equipment, portable plants, track plants, as well as full scale modular processing facilities.

TelSmith consistently demonstrates a commitment to customer needs throughout the product lifecycle, from experienced applications engineers designing a solution that enables customers to meet business goals, craftsmen utilizing the latest advances in manufacturing technology, on-site factory start-up teams, on through to parts and service to keep equipment running for decades, TelSmith continues to meet the growing demand for mineral processing equipment around the world with safe, efficient and profitable solutions.

Standing strong for over a century on our **core values:** Honesty, Integrity, and Quality.

## PRODUCT LIFECYCLE SUPPORT



Customers can depend on TelSmith to provide the service, solutions and support before, during and after the purchase. A commitment to customer satisfaction and keeping TelSmith products running for decades is the foundation of the Product Lifecycle Support team.



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## ENGINEERING



Telsmith's experienced engineering team combines modern design tools with innovative thinking to develop the latest performance and safety advances in equipment for aggregate, mining, industrial or recycling applications. Telsmith's customer centric application engineers identify customer needs and goals in leveraging their experience to deliver cost savings, a safer work site, performance improvements, or all of the above.

## MANUFACTURING



Within a state-of-the-art manufacturing facility, Telsmith builds quality equipment that meets customer needs for a safe, efficient and profitable operation. Telsmith manufacturing craftsmen combine the precision of an ISO 9001: 2008 environment and CNC machining with the skill of dedicated master welders. All Telsmith equipment goes through rigorous testing prior to shipping to ensure it meets customer expectations.

**SERVICE:** On-site service is provided from a team of technical specialists ready to respond to a downtime emergency anywhere in the world.

**REMANUFACTURING:** Need to upgrade equipment, but not wanting to assume the financial commitment that comes with a new purchase? Telsmith offers factory remanufactured equipment, complete with a six month/1,000 hour warranty.

**TRAINING:** Telsmith Technica factory equipment training

is available to assist operators in maximizing the investment in Telsmith equipment. The week-long Technica teaches operators how to maintain and operate Telsmith equipment through a combination of classroom and hands-on training.

**PARTS:** Telsmith has world-class logistics capabilities for meeting critical customer requirements through a new 33,760 square foot worldwide Parts Distribution Center complete with a state-of-the-art automated pick system, enabling the shipment of in-stock parts with speed and accuracy. Regular orders ship within 24 hours, and emergency orders are prioritized for same day shipping.



# TELSMITH PRODUCT OFFERING – SERVING GLOBAL MINING, AGGREGATE, INDUSTRIAL AND RECYCLING INDUSTRIES

## CRUSHING EQUIPMENT

### JAW CRUSHERS

Telsmith offers a versatile, full line-up of jaw crushers available in several sizes for portable or stationary mounting. Each group of models incorporates different features for solutions to different application requirements including quarried stone, sand and gravel, recycled concrete and industrial operations.

#### Hydra-Jaw™

The Telsmith Hydra-Jaw™ models combine a century of experience with the most advanced jaw crusher technology available today. The result is a reliable, highly productive line of jaw crushers that are safe to operate, easy to maintain and deliver greater uptime availability. Now available in four sizes: 2238, 2550, 3244, 3450



#### Iron Giant™ Models 4448 & 5060

Designed with long crushing chambers and shallow nip angles, the Iron Giant™ models are specifically designed for productivity and longevity in the hardest quarry crushing environments.



#### Model 3858

Featuring hydraulic chamber clearing and over-load relief the 3858 model is ideally suited for operations that may experience occasional tramp metal or power interruptions that stall the crusher.

#### Model 3258

A machine with a relatively low profile but wide crushing chamber, the 3258 is designed for high production crushing in quarries or recycle operations.



#### Models 1021 thru 3042

Durable yet economic designs for the portable contractor or sand and gravel producer, these models are easy to maintain, easy to operate and rugged for decades of low cost operation.



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# CRUSHING EQUIPMENT

## CONE CRUSHERS

Telsmith offers a range of cone crushers to meet critical aggregate or mining needs. With sizes ranging from 965 mm (38 in) to the all-new T900 mine duty machine, and including technology, such as hydraulic overload protection, chamber clearing, push button adjustment, and Telsmith's proprietary Anti-Spin system, Telsmith cone crushers deliver a distinct performance advantage.

### T-Series Cone Crushers

Available from 220 kW (300 HP) to 660 kW (900 HP), Telsmith T-Series cone crushers are designed to deliver maximum uptime, productivity, safety and ease of maintenance in tough, abrasive aggregate and mining applications. T-Series crushers include hydraulic relief and clearing, hydraulic anti-spin, hybrid thrust bearing technology, and the TRAC10<sup>®</sup> automated control system standard.



### SBS Cone Crushers

In models ranging from the 147 kW (200 HP) up to 440 kW (600 HP) with capacities that can exceed 900 tons per hour, the SBS is designed to deliver consistent performance for decades. Fully automatable, the SBS cone is available with the optional TRAC10<sup>®</sup> automation control package.



### SBX Secondary Cone Crushers

Fitting into secondary crushing circuits that used to require larger crushers, the SBX can reduce the capital requirements for plant expansion projects. Accepting extra coarse feed, the SBX allows primary crushers to operate at larger settings and at greater capacities, providing opportunities to increase plant production with minimum investment. SBX models range from 220 kW (300 HP) to 294 kW (400 HP).

### TRAC10<sup>®</sup>

The Telsmith TRAC10<sup>®</sup> is a stand-alone control system that monitors crusher operations, provides automated calibration and setting controls, and protects the crusher from overload; all to yield greater crushing performance and efficiency. Features include the capability to run up to four crushers with a single touch screen and the ability to connect to TRAC10<sup>®</sup> via a Wi-Fi hotspot and laptop, or Smartphone. The Telsmith TRAC10<sup>®</sup> can be installed economically into any plant and comes standard with all T-Series cone crushers.



# CRUSHING EQUIPMENT

## IMPACT CRUSHERS

Telsmith offers a full line of horizontal shaft impact crushers with models specifically designed to serve industries ranging from heavy duty aggregate processing, to recycling asphalt and concrete products (RAP).

### Primary Andreas (PA) Models

Telsmith Primary Andreas impact crushers are versatile and can be mounted on track or wheeled portable units or onto fixed structures with truck dump hoppers. Crushing up to 1020 mm (40 in) feed, with capacities up to 500 tph of quarried stone or RAP, these PA crushers are built with advanced operating features to deliver dependable, low maintenance, high performance primary crushing.



### Primary New Holland (NH) Models

Telsmith New Holland style primary impact crushers are equipped with a solid rotor and large volume impact chamber, making these designs well suited for high production crushing of softer, low abrasion materials. With the largest explosion chamber in the industry, NH crushers have capacities of up to 2,100 tph of quarried stone.



### Secondary Andreas (HSI) Models

Telsmith HSI models are secondary Andreas style crushers designed for use in aggregates, as well as recycled asphalt product (RAP). Efficient open style rotors and heavy - gravity hung aprons deliver consistent performance when crushing aggregates or RAP.



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# VIBRATING EQUIPMENT

## SCREENS

Inclined and horizontal screens are available for either wet or dry screening applications, while Vibrating Grizzly Screens are ideal for heavy duty scalping or large stone. With sizes ranging from 914 mm x 1828 mm (3' x 6') to 2438 mm x 7315 mm (8' x 24'), TelSmith can meet your screening needs from 24 hour mining operations, to heavy duty aggregate processing and sizing, to recycling of asphalt and concrete products.



### Horizontal Screens

TelSmith Horizontal Screens offer reliable, versatile performance in a variety of applications. The low horizontal profile is ideal for road portability on rubber tired portable or track mounted plants. Horizontal screens are available in sizes ranging from 1524 mm x 4876 mm (5' x 16') up to 2438 mm x 6096 mm (8' x 20') triple deck and can be equipped for wet or dry screening. Driven by triple shaft, gear timed drive units, TelSmith horizontal screens can accept a variety of screening media including wire cloth, urethane or rubber for optimum performance in challenging applications.



### Inclined Screens

TelSmith inclined screens are available in several models within the Vibro-King TL® and Valu-King® product lines.

The **Vibro-King TL®** screen design matches the vibrating screen and screen media as never before, creating outstanding performance and longevity. From heavy duty scalping of coarse stone to fine sizing of finished products, wet or dry processing, the Vibro-King TL® is built to deliver low cost performance as never before.

The **Valu-King®** line-up of screens offers outstanding value with built-in standard features not normally available in these screen sizes. Ranging from 914 mm x 1828 mm (3' x 6') single deck up to 1828 mm x 4876 mm (6' x 16') triple deck, Valu-King® models are both versatile and economical. Ideal for finish sizing, medium duty scalping or fitted with spray bars for rinsing operations, the Valu-King® is tough enough to serve in a variety of applications.



### Inclined Grizzly Scalpers

Built with a rugged, heavy duty design for large feed and high tonnage, TelSmith Inclined Grizzly Scalpers are reliable, low maintenance proven performers. TelSmith inclined grizzly scalping screens are most commonly utilized in conjunction with an apron or pan feeder, ahead of the primary crusher. Typically chosen when excessive clay or an abundance of fines are present, grizzly scalpers are capable of efficient scalping in the most difficult applications.

## VIBRATING EQUIPMENT

### VIBRATING FEEDERS

Telsmith feeders are built heavy to absorb the impact from dumping large stone, while feeding the plant with a controlled, steady stream. Telsmith offers unique designs suited for both portable and fixed installations that are available in sizes ranging from 914 mm x 3657 mm (3' x 12') up to 1828 mm x 10,363 mm (6' x 34'). Solid pan, straight deck and step deck configurations offer additional versatility in feeder design to consistently deliver on the promise of outstanding performance.



### TRACK PLANTS

Telsmith track plants are heavy duty, self-contained, mobile crushing units designed for high production in large quarry or concrete recycling, while also facilitating close proximity of crushable material, maximizing the efficiency of your operation.

#### TC52 TRACK CONE PLANT

The Telsmith TEL-TRAX™ model TC52 is a self-contained, high production, track mobile cone crushing platform designed to work with larger tracked primary crushers.



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## GRIZZLY FEEDERS

With two distinct lines, Telsmith has dependable feeders for almost every application. Severe duty (truck dump) models are built to absorb the impact from trucks dumping large stone, incorporate deep side plates and massive wide flange beam cross supports. Standard duty offer lower profiles and are commonly used in portable applications with loader or excavator feed. Feeders are also available in various styles including solid pan, single grizzly and multiple “stepped” grizzly bar sections.



## 820 TRACK SCREENING PLANT

The Telsmith 820 Track Screening Plant is a track processing solution that can produce up to four products simultaneously and can be easily operated through a wireless remote control. This unique plant includes an 8203 Telsmith TL Screen, 1372mm feed conveyor, and 1829 mm under screen conveyor, all combined to process up to 907 mtph.

## TI6060 TRACK IMPACTOR

The TI6060 is a high production, track mobile, primary impact crushing plant specifically designed for the serious aggregate producer. Capable of receiving 40" stone and delivering up to 800 tph, the TI6060 is ideal for nonabrasive quarried stone or recycled concrete operations.



# PORTABLE PLANTS

Telsmith manufactures a full line of portable plants for road and in-pit use. Styles include Primary Jaw Crushing Plants, Cone Crushing Plants, Impact Crushing Plants, Screen Plants, and Conveyors that can be configured to create a complete processing system, while the JCP2238-38 offers a complete solution on one chassis.

## PORTABLE JAW PLANTS

Built durable and rugged, the line of Telsmith portable jaw plants are built in a variety of arrangements. Whether it's to meet the demands of high production in-pit crushing of hard stone or the need for low profile, highly mobile performance; Telsmith has proven designs ready for the job.



## PORTABLE CONE PLANTS

Innovative portable plant designs that deliver crushing performance and combine good maintenance access with simple mobility are the result of direct customer feedback into the Telsmith designs. Whether it is a simple open circuit plant or a more intricate closed circuit plant with a screen and conveyors onboard; Telsmith has a range of options available.



## PORTABLE SCREENING PLANTS

An array of portable screening plants, both inclined and horizontal, have been designed to meet the variety of challenges encountered in different applications. From the need for rugged designs to scalp large stone, to the finesse needed for efficient finish sizing, Telsmith has an efficient portable solution.



## JCP2238-38

Telsmith's JCP 2238-38 two-stage portable crushing plant includes a H2238 Hydra-Jaw jaw as the primary crusher and a 38 SBS cone to complete final crushing after sorting through the included screen. This self-contained, electric drive, portable crushing unit can be moved with minimal disconnection, allowing for consistent, close proximity of crushable material, maximizing the efficiency of your quarry operation.



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# MODULAR PLANTS

Telsmith has developed a modular plant concept that significantly shortens the time line for new crushing plant development. By utilizing pre-engineered crushing and screening modules, a new crushing plant can be in production, generating significant revenue, months ahead of traditional construction techniques, and offer outstanding maintenance access, reliable performance and a lower installed cost. Telsmith modular plants can work independently as stand-alone crushing or screening stations or be packaged by Telsmith into “single source” processing plant solutions.

## PRIMARY MODULAR STATIONS

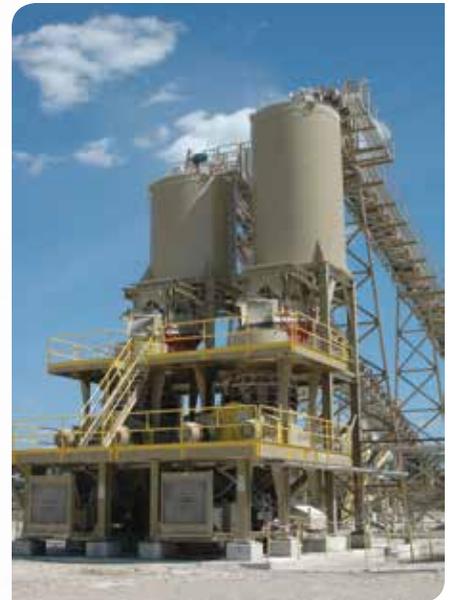
Telsmith primary modular stations are available in production ranges from 500 tph to 2000 tph. A variety of pre-engineered options provide simple, one-source, solutions to a variety of plant design requirements. Options include 75 ton, 100 ton, 150 ton, or 175 ton rock box dump hoppers, end or side discharge conveyor, rock breaker with independent support tower, dust suppression system, control house with independent support tower and automated plant controls.

## MODULAR SCREENING STATION

Horizontal and Inclined Screen modular stations are available for dry or wet screening options in sizes from 1828 mm x 6096 mm (6' to 20') up to 2438 mm x 7315 mm x (8' x 24') triple deck screen. Stations incorporate a distribution feed box and roll-away product chutes with blending gates to optimize screening efficiency. Screen support towers can be installed side by side for common service areas while maintaining independent structures to minimize vibration.

## MODULAR CONE CRUSHER STATION

Modular cone crushing stations are available for the SBS and T-Series cone crushers. Options include pre-engineered 50 and 100 ton surge bins, crusher feeder with automated controls, dust suppression system and automated bin level controls. Modules can be erected side by side to create one common service platform for multiple crushers.



# STANDING STRONG FOR OVER A CENTURY

HONESTY ■ INTEGRITY ■ QUALITY

Providing Global Processing Solutions for Aggregate,  
Mining, Industrial and Recycling Operations Worldwide



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