

TELSMITH PRODUCT OFFERINGS

GLOBAL PROCESSING SOLUTIONS



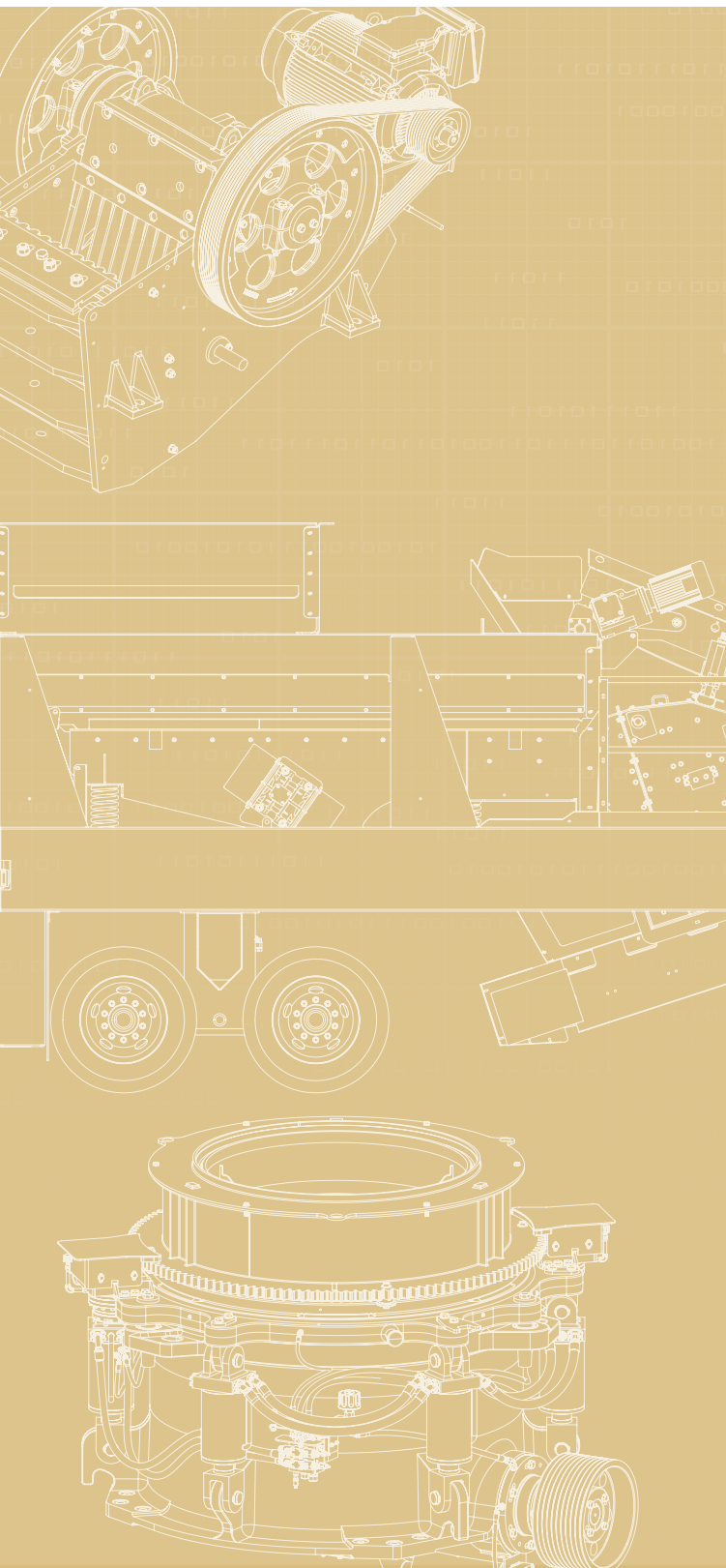
CRUSHERS SCREENS FEEDERS PLANTS



TELSMITH

an Astec Industries Co.

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



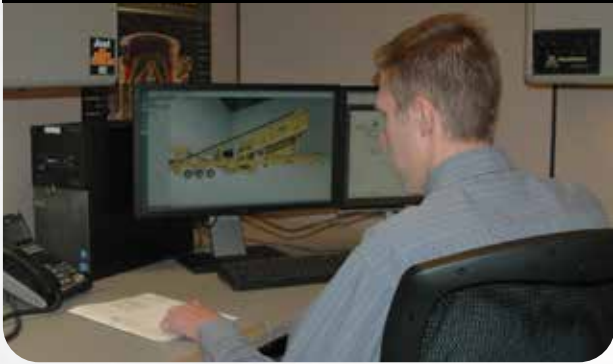
Customers can depend on Telsmith to provide the service, solutions and support before, during and after the purchase. A commitment to customer satisfaction and keeping Telsmith products running for decades is the foundation of the Product Lifecycle Support team.



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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: 2015 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 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.



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® SERIES

The 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. Available in four sizes: 2238 (559mm x 965mm), 2550 (635mm x 1,270mm), 3244 (813mm x 1,118mm), 3450 (864mm x 1,270mm).



IRON GIANT™ SERIES

The Iron Giant™ models are designed with long crushing chambers and shallow nip angles that delivers reliable performance even with the hardest quarry crushing environments. Available in two sizes: 4448 (1,118mm x 1,219mm) , 5060 (1,270mm x 1,524mm).



MODEL 3858 (965MM x 1,473MM)

The 3858 (965mm x 1,473mm) model features hydraulic chamber clearing and overload relief and is ideally suited for operations that may experience occasional tramp metal or power interruptions that stall the crusher.



MODEL 3258 (813MM x 1,473MM)

The 3258 (813mm x 1,473mm) model is designed with a relatively low profile but wide crushing chamber for high production crushing in quarries or recycle operations.



MODELS 3042 (762MM x 1,067MM) THRU 3648 (914MM x 1,219MM)

These models are designed to be durable and economic, which makes them easy to maintain and operate for the portable contractors or sand and gravel producers.



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CRUSHING EQUIPMENT

CONE CRUSHERS

Telsmith offers a range of cone crushers to meet critical aggregate or mining needs. The Titan™ cones range in sizes from a 200 HP machine to a 900 HP 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.

TITAN™ SERIES

Titan™ series cone crushers are designed to deliver maximum uptime, productivity, safety, and ease of maintenance in tough, abrasive aggregate and mining applications. Titan™ series crushers feature hydraulic relief and clearing, hydraulic anti-spin, hybrid thrust bearing technology, and the TRAC10® automated control system. Available from 200 HP (147 kW) to 900 HP (660 kW).



SBS SERIES

SBS series cone crushers are specifically designed for large, extra coarse feed material ideal for secondary and tertiary circuit positions in mining, aggregates and crushed stone production. The SBS provides operations with the highest productivity, outstanding reliability and lowest cost per ton. SBS cones are available with the TRAC 10® automation control package and are available from 200 HP (147 kW) up to 600 HP (440 kW) with capacities that can exceed 900 tons per hour.



SBX SECONDARY SERIES

SBX series cone crushers fit into the secondary crushing circuits that used to require larger crushers, which reduces capital requirements for plant expansion projects. The SBX allows primary crushers to operate at larger settings and at greater capacities, providing opportunities to increase plant production with minimum investment. SBX cones are available with the TRAC 10® automation control package. Available from 300 HP (220 kW) to 500 HP (370 kW).

TRAC10® AUTOMATION

TRAC10® 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® via a Wi-Fi hotspot and laptop or smartphone. TRAC10® can be installed economically into any plant and is an option with all Titan™ 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) MODEL

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 40 in (1020 mm) feed, with capacities up to 500 tph of quarried stone or concrete recycle, these PA crushers are built with advanced operating features to deliver dependable, low maintenance, high performance primary crushing. Available in one size: 6060 (1,524mm x 1,524mm).



SECONDARY (HSI) MODEL

HSI models are Secondary Andreas style crushers designed for use in aggregates, concrete recycle, as well as recycled asphalt product (RAP). Efficient open style rotors and heavy - gravity hung aprons deliver consistent performance when crushing. Available in sizes: 2421 (610mm x 533mm) up through a 5263 (1,321mm x 1,600mm).



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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 3' x 6' (914mm x 1,828mm) to 8' x 24' (2,438mm x 7,315mm), 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.

VIBRO-KING TL®

Vibro-King TL® screens create outstanding performance and longevity for heavy duty scalping of coarse stone, fine sizing of finished products, and wet or dry processing. Vibro-King TL® screens are offered in single, double, triple and four deck models ranging from 5'x14' (1,524mm x 4,267mm) to 8'x24' (2,438mm x 7,315mm) screen size.

VALU-KING®

Valu-King® screens offer outstanding value with built-in standard features not normally available in these screen sizes. Ranging from 3' x 6' (914mm x 1,828mm) single deck up to 6' x 16' (1,828mm x 4,876mm) triple deck, Valu-King® screens are both versatile and economical and are ideal for finish sizing, medium duty scalping or fitted with spray bars for rinsing operations.

HORIZONTAL

Horizontal Screens offer reliable, versatile performance in a variety of applications. The low horizontal profile is ideal for road portability on rubber tired portables. Horizontal screens are available in sizes ranging from 5' x 16' (1,524mm x 4,876mm) up to 8' x 20' (2,438mm x 6,096mm) triple deck and can be equipped for wet or dry screening. Driven by triple shaft, gear timed drive units, horizontal screens can accept a variety of screening media including wire cloth, urethane or rubber for optimum performance in challenging applications.

INCLINED GRIZZLY SCALPERS

Inclined Grizzly Scalpers are built with a rugged, heavy duty design for large feed and tonnage and are most commonly utilized in conjunction with an apron or pan feeder, ahead of the primary crusher. They are typically chosen when excessive clay or an abundance of fines are present making them capable of efficient scalping in the most difficult applications. Available in sizes ranging from 4' x 10' (1,219mm x 3,048mm) to 7' x 16' (2,134mm to 4,877mm).



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 36" x 12' (914mm x 3,658mm) up to 72" x 26' (1,829mm x 7,925mm). Solid pan, straight deck and step deck configurations offer additional versatility in feeder design to consistently deliver on the promise of outstanding performance.

VIBRATING GRIZZLY FEEDERS

Vibrating Grizzly Feeders are built heavy duty and designed to absorb the impact from trucks dumping large stone incorporate deep side plates and massive wide flange beam cross supports. Standard duty offers lower profiles and is commonly used in portable applications with loader or excavator feed. Grizzly feeders are available in sizes ranging from 36" x 12' (914mm x 3,658mm) up to 72" x 34' (1,829mm x 10,363mm) and in a variety of models and configurations such as straight deck and step deck configurations.



VIBRATING PAN FEEDERS

Vibrating Pan Feeders are mechanically driven with a heavy-duty formed deck and are designed to easily replace competitive models. Pan feeders feature support springs with guards, bolt-in replaceable liners, regreasable bearings, and exposed exciters, which provide ease-of-access. Additional options include cone discharge spout, rubber liners, and variable frequency drive. Available in sizes ranging from 36" x 60" (914mm x 1,524mm) up to 54" x 96" (1,372mm x 2,238mm).



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TRACK PLANTS

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.

TEL-TRAX™ TI6060 IMPACTOR PLANT

The Tel-Trax™ 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 (725 mtph), the TI6060 is ideal for nonabrasive quarried stone or recycled concrete operations.



TEL-TRAX™ TJ3258 JAW PLANT

The Tel-Trax™ TJ3258 track jaw crusher plant gives your operation the flexibility of a track unit with the crusher power and production of a primary jaw. This track plant is a perfect fit for crushing hard, quarried stone, or demolition debris. Throughput capacities range from 297-699 tph (270-635 mtph) and the wide crushing chamber and large gape deliver maximum production with the aggressive crushing action needed to nip even hard stone for quick processing and consistent performance.



PORTABLE PLANTS

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

Portable jaw plants are designed around the portable crushing customer who demands consistent, reliable production, low mobilization costs, and the flexibility to perform in quarried stone or sand & gravel applications. These portable primary jaw plants can be configured with our other mobile plants to create a complete processing system in aggregates processing.



PORTABLE CONE PLANTS

Portable cone plants combine quick, safe maintenance access and easy mobility offering simple open circuit plant or a more intricate closed-circuit plant with a screen and conveyors onboard. Our portable cone crusher plants are used in secondary and tertiary crushing stages with processing capabilities of over 800 tons per hour and have proven high production in quarried stone to sand and gravel applications.



PORTABLE SCREENING PLANTS

Portable screening plants are built durable and rugged for a variety of arrangements in quarried stone to sand and gravel operations. Vibro-King TL® double, triple, and quad deck screens are perfect for heavy-duty scalping of coarse stone and fine sizing of finished products. Inclined portable screens range from 5' x 16' (1,524mm x 4,877mm) to 8' x 24' (2,438mm x 7,315mm).



TWO-STAGE PORTABLE PLANTS

Telsmith's JCP 2238-38 two-stage portable crushing plant includes a H2238 Hydra-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.



RECYCLED ASPHALT PORTABLE PLANTS

Equipped with a Telsmith 3048 Horizontal Shaft Impactor and 5' x 16' (7,315mm x 4,877mm) Triple Deck Valu-King® Screen, this portable crushing and screening plant can deliver improved productivity along with the versatility required to optimize your operation. The 3048 HSI Impactor is capable of processing up to a 9" (229mm) thick slab and when combined in this closed circuit crushing solution with the triple deck Valu-King® screen, can produce two products simultaneously.



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MODULAR PLANTS

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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

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 STATIONS

Horizontal and inclined screen modular stations are available for dry or wet screening options in sizes from 6' x 20' (1,828mm x 6,096mm) up to 8' x 24' (2,438mm x 7,315mm) 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 STATIONS

Modular cone crushing stations are available for the SBS and Titan™ 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.



CONTAINERIZED MODULAR STATIONS

Containerized modular jaw, cone and screen stations are designed and manufactured with the same integrity as our full-size stations but are able to break down small enough to fit into shipping containers, which saves on shipping costs and allows for fast erection. Containers also contain all components required for the project such as, electrical components, hardware and drawings. Pictured to the right is a 3450 jaw primary station with 50 ton live rock box that shipped in five containers and was erected in less than a week.



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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