



ATHOS
CRUSHING & SCREENING



**Mobile Crushing
& Screening Units**



YOUR CRUSHING & SCREENING PARTNER FOR RELIABLE, COST-EFFECTIVE SOLUTIONS

Since 2019, Athos Crushing & Screening has been delivering both mobile and static equipment solutions across Southern Africa. Our range includes jaw and cone crushers, as well as screening units, tailored to meet the demands of the aggregates, mining, and recycling industries.

We proudly represent **SRHeavy** and **Powertrack** – two leading brands shaping the future of crushing and screening.



SRHeavy (SRH), a Metso-owned company backed by Metso's global expertise, manufactures Powertrack machines as part of a multi-brand strategy to meet the growing demand for cost-effective, sustainable solutions in mining, construction, and aggregates.

From single machines to fully customised plant configurations, SRH delivers equipment built to Metso's high standards for durability and consistent performance.



As the exclusive South African distributor for Powertrack, Athos introduces a new era of hybrid and plug-in mobile crushing and screening equipment - high-efficiency solutions designed for sustainability, mobility, and modern site demands.

Together, Athos and its partners offer reliable, future-forward technology – backed by local support, technical know-how, and customer-focused service.



POWERTRACK MOBILE UNIT

A NEW ERA IN HYBRID AND PLUG-IN MOBILE CRUSHING AND SCREENING



Athos delivers advanced mobile crushing and screening equipment **built to meet the demands of modern mining, quarrying, and aggregate operations.** Our innovative range - including the **Mobile Jaw Crusher PT Pro J-11E, Mobile Cone Crusher PT Pro C-20E/S, Mobile Impact Crusher PT Pro I-13DS and Mobile Screening Unit PT Pro ST-08E** - combines high-efficiency performance with plug-in hybrid technology and true mobility.

Whether you're tackling **primary crushing, precision secondary and tertiary reduction, or reliable on-site screening,** Athos mobile units keep your operation productive and adaptable. Designed for sustainability, easy transport, and minimal downtime, our mobile solutions help you crush, screen, and stockpile wherever the job takes you.

Discover the next generation of mobile crushers and screens - engineered to deliver consistent output, lower operating costs, and the flexibility your project demands.



Tried & Tested



Reliable



Increased
Production



User Friendly

PIONEERING SUSTAINABLE CRUSHING & SCREENING SOLUTIONS

Established in November 2023, Powertrack Machinery (Jiangsu) Co., Ltd. is strategically located in Changzhou City, Jiangsu Province, China, an advanced manufacturing hub within the Yangtze River Delta. **The company operates a state-of-the-art facility covering 12,355 square meters and represents a key growth initiative under the Metso Group.** Powertrack is committed to delivering innovative, high-efficiency solutions that align with global sustainability objectives.

The company specialises in the engineering, manufacturing, and servicing of plug-in and hybrid track-mounted mobile crushing and screening equipment, designed to meet the evolving demands of aggregate production, infrastructure development, concrete recycling, and demolition waste management.

Guided by a strong focus on performance, environmental responsibility, and economic value, Powertrack collaborates with leading domestic and international partners to drive technological advancement and product excellence.

To enhance its global reach, **Powertrack has appointed Athos Crushing and Screening as its exclusive distributor in South Africa.** This strategic partnership ensures that clients in the region benefit from localised expertise, responsive after-sales service, and dedicated technical support – reinforcing Powertrack's commitment to long-term customer success and maximising return on investment.



WHY THE E-POWER POWERTRACK IS THE OPTIMAL CHOICE

The e-Power series from Powertrack introduces a new standard in mobile crushing and screening - delivering quiet and cost-effective operations.

Our dual powered mobile crusher is designed to operate on both electric and diesel power sources, providing flexibility and efficiency in various working environments. **Here's how it works:** With a Dual Power Source, the crusher has two power source options. Genset or Grid Power. The onboard diesel engine drives the tracks, allowing you to move the crusher or screen into working position.



With e-Power, customers can benefit from enhanced reliability, operational stability, and safety, all while achieving high production capacities. Designed for efficiency, the system also reduces service requirements, making it easier to operate and maintain.

For operations in remote locations, electric power from a Genset offers flexibility and autonomy, enabling continuous production anywhere, at any time. All material processing functions of Powertrack's crushers and screens can be fully powered by electricity.

Once in place, switch over to a genset or external power supply source to benefit from cost effective electrical power supply. Keep your genset away from the machine to reduce dust exposure to the engine and allow for easier access to the genset engine for maintenance. **Connect multiple machines to a single power source for increased efficiency and maximum reduction in power supply costs.**



The e-Power range is available in two configurations:

Plug-in models can be powered directly by the electrical grid or an external generator. Hybrid models feature an on-board diesel generator and can also operate via connection to the grid.

Both solutions provide a more economical alternative to traditional systems, reducing fuel consumption, increasing profits and minimising emissions. Additionally, multiple mobile units can be combined into a single train and powered by a shared generator, significantly improving operational efficiency and profitability.

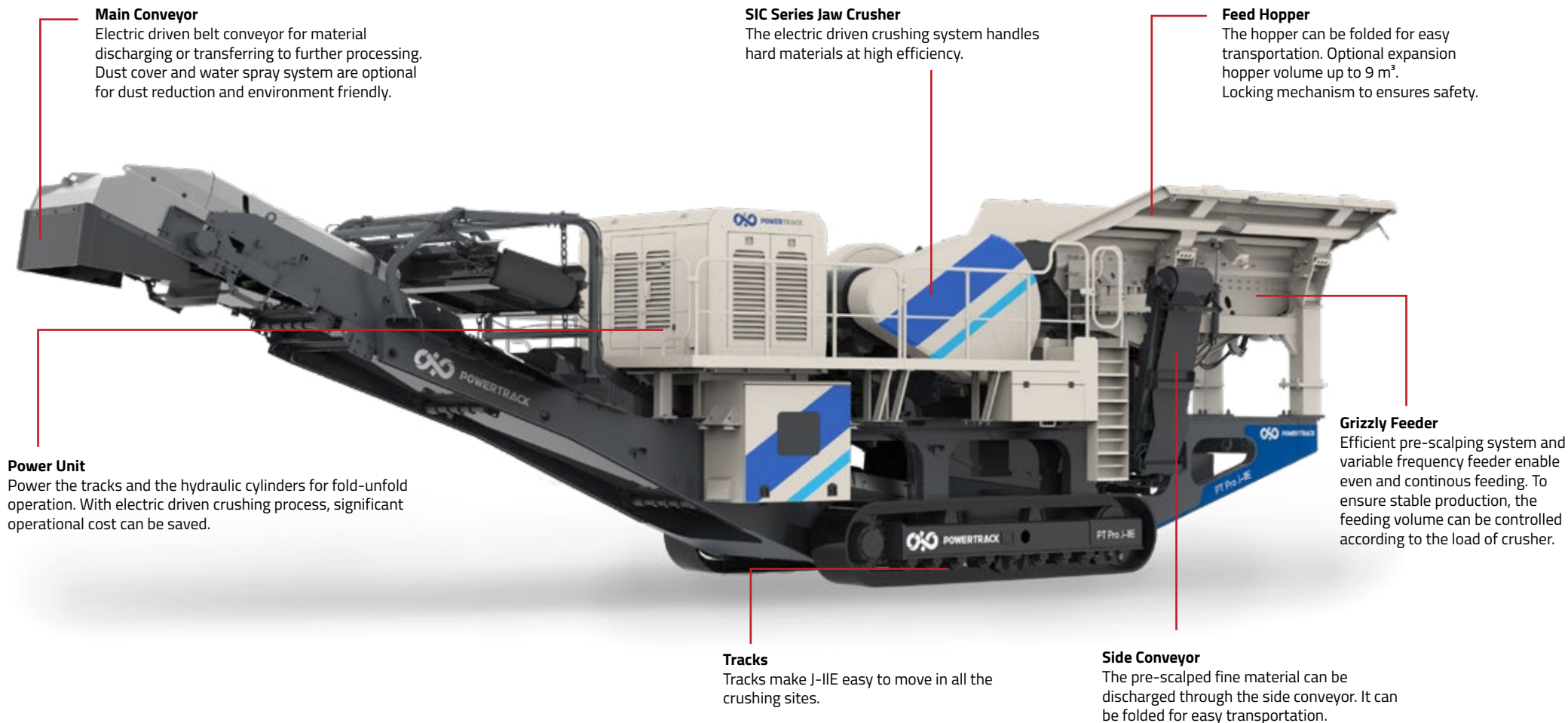
POWERTRACK PT PRO J-11E

MOBILE JAW CRUSHING UNIT

Designed to meet the primary crushing of the hardest materials

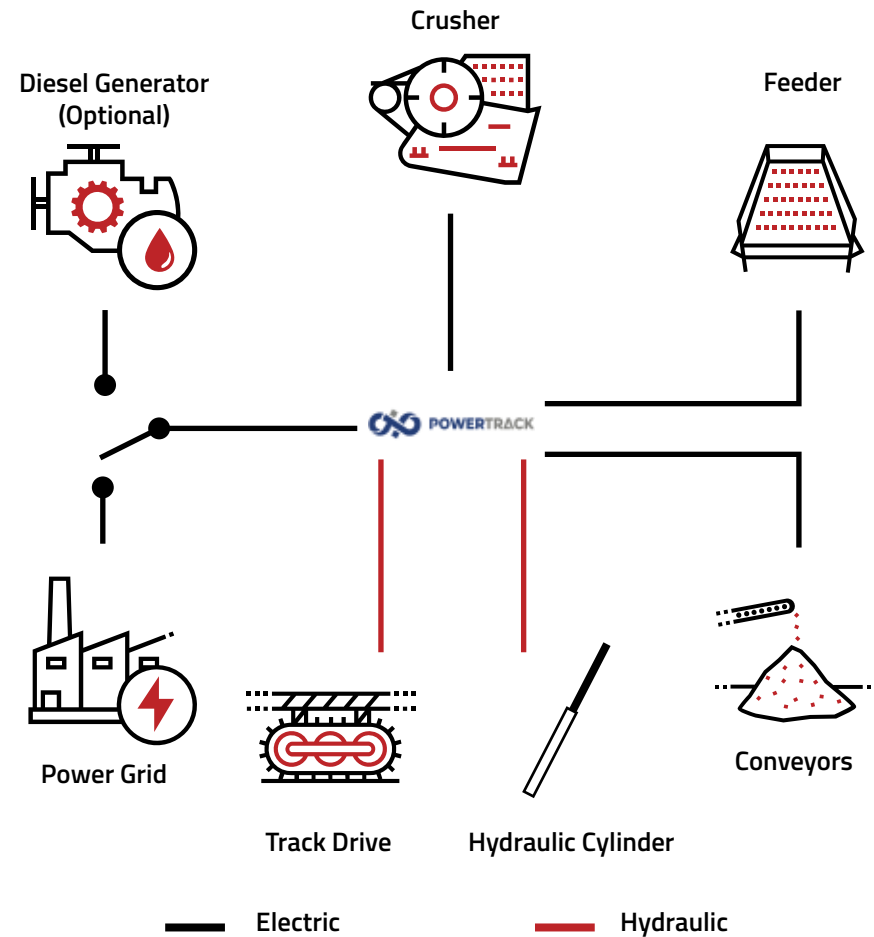
Powertrack PT Pro J-11E is ideal for aggregates production, crushing of natural materials or recycled materials such as demolished concrete. It is used as primary crusher that reduces the material to smaller size for further processing. It provides excellent performance under harsh environment.

Reliable design ensures long lifespan with minimum maintenance cost. Hydraulic driven tracks are designed for flexible movement at the production site; compact dimensions enable easy transportation between different sites. The electric driven crushing and conveyor system saves operation cost and improves customer profit significantly.



General information		
Capacity	150 - 500 t/h	165 - 276 St/h
Power	138 kW	185 hp
Transportation Dimensions* L x W x H	15,450 x 3,150 x 3,600 mm	50'7" x 10'4" x 11'8"
Working Dimensions* L x W x H	15,400 x 5,900 x 3,900 mm	50'6" x 19'4" x 12'8"
Weight	42,000 kg	92,595 lb
Jaw Crusher		
Maximum Recommended Feed Size	560 mm	22"
Feed Opening	1,060 x 700 mm	42" x 28"
Power	110 kW	148 hp
Feed Hopper		
Width	2,700 / 3,600 mm	8'10" / 11'10"
Volume	6/9m³ (optional)	7.8 / 11.8 yd³
Loading Height	3,900 / 4,300 mm	12'8" / 14'1"
Loading Width	2,600 / 3,700 mm	8'6" / 12'2"
Grizzly Feeder		
Length	4,200 mm	13'8"
Width	1,100 mm	44"
Drive Type	Electric Vibration Motor	Electric Vibration Motor
Power	2 x 4.5 kW	2 x 6 hp
Main Conveyor		
Length	10,500 mm	34'5"
Width	1,000 mm	39.4"
Discharge Height	2,900 mm	9'6"
Side Conveyor (Optional)		
Length	5,200 mm	17'1"
Width	500 mm	20"
Discharge Height	1,800 mm	5'11"
Power Unit		
Model	Cummins Q5B3.9	
Power	110 kW	148 hp
Options		
Magnetic separator	Hydraulic setting adjustment	
Feed hopper extensions	Side conveyor	
Working light mast LED	Dust cover	
High pressure water pump (water spaying pipes and nozzles pre-equipped as standard)	Wireless remote control	

Electric power / plug-in mode



Applications

Widely used in mining and construction materials fields. Suitable for pre-crushing of high hardness of natural stone, such as pebble, granite, basalt, quartz stone, iron ore, limestone, etc., as well as recycling materials.

Combine With:

PT Pro I-13DS mobile impact crushing unit
PT Pro C-20ES mobile cone crushing unit
PT Pro ST-08E mobile screening unit
PT Pro SC-08E mobile screening unit

POWERTRACK PT PRO C-20ES

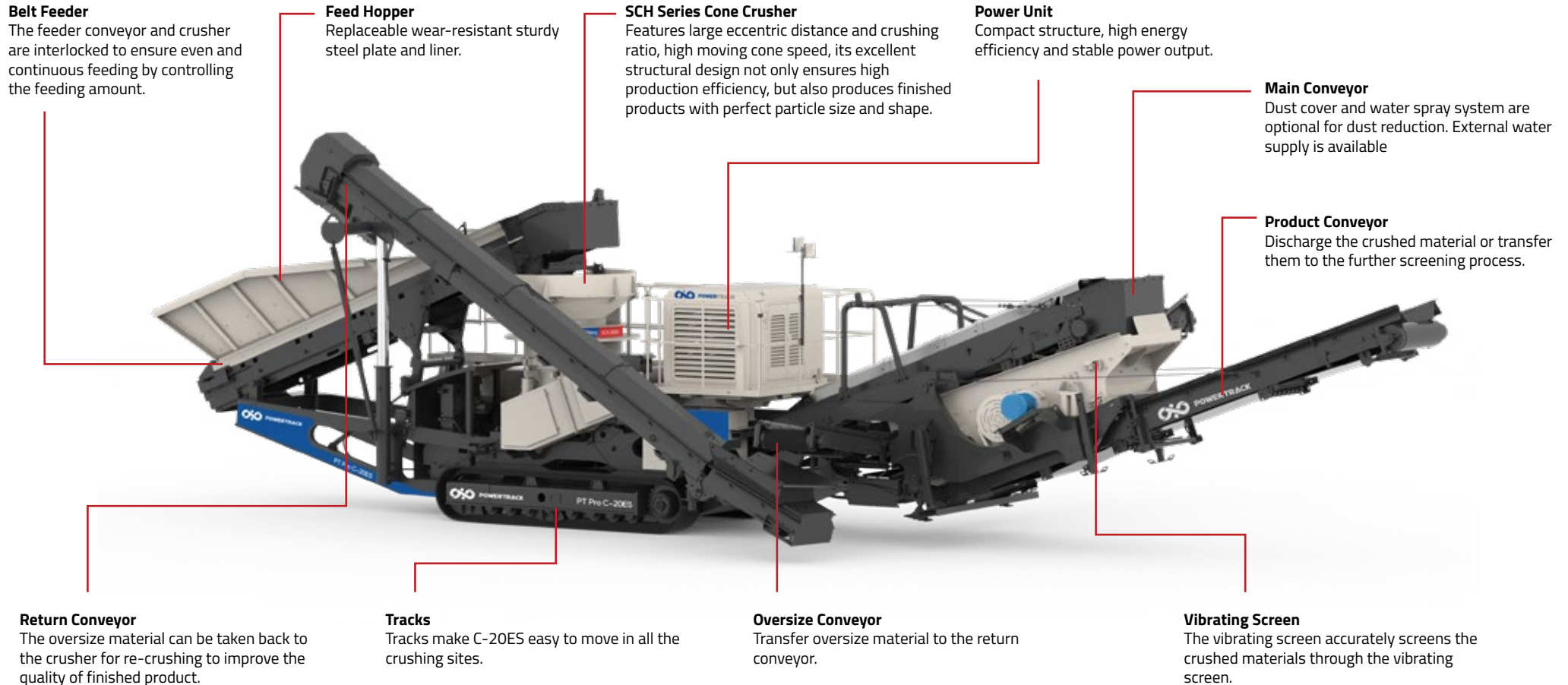
MOBILE CONE CRUSHING UNIT

Used for secondary and tertiary crushing on multi-stage applications

Powertrack PT Pro C-20ES is suitable for secondary and tertiary crushing. It adopts the SCH2000 cone crusher that provides high production, high crushing ratio and high-quality aggregates. The proven design ensures machine reliability and is easy to maintain. Electric driven crushing system greatly reduces operational cost. Combined

with Powertrack jaw crushing unit, it is an ideal choice for crushing medium to high hardness natural stone into aggregate.

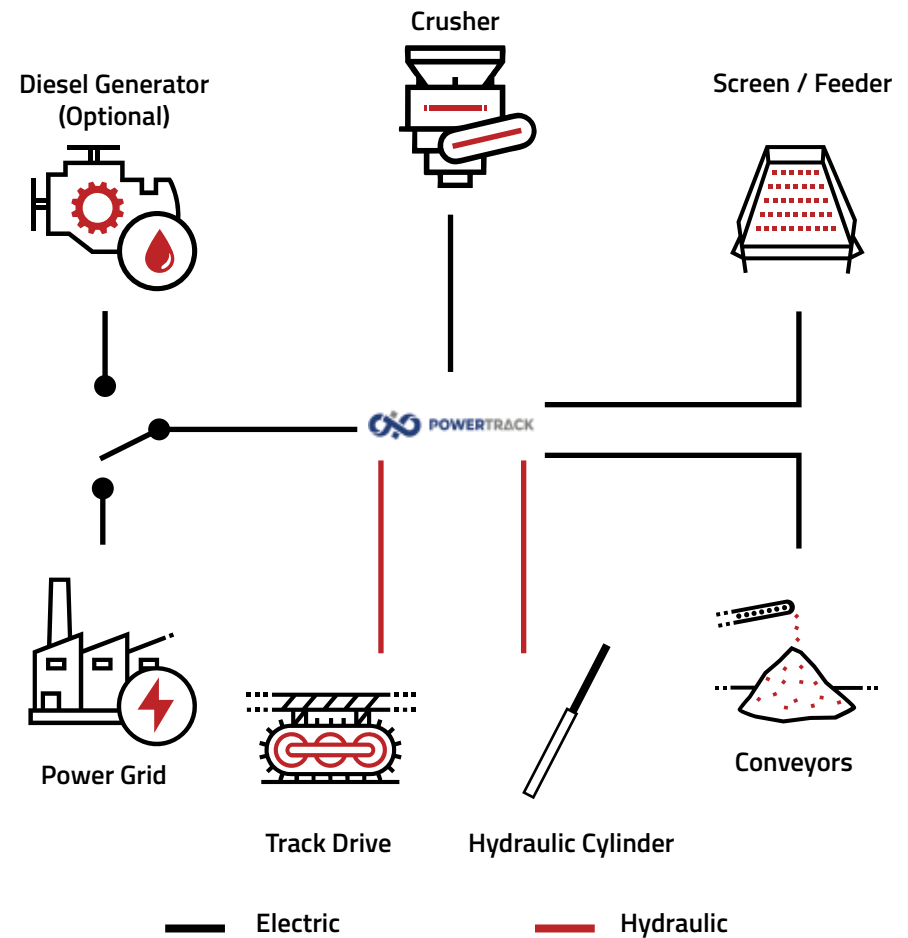
A standard configuration is available (C-20E/S) without a vibrating screen, product conveyor, or return conveyor - giving you flexibility to integrate it seamlessly into your existing setup or pair it with complementary screening and conveying systems.



General Information		
Capacity	150 - 250 t/h	165 - 276 St/h
Power*	218 kW/246 kW	292 hp / 330 hp
Transportation dimensions* L x W x H	C-20E: 17,000 × 3,450 x 3,700 mm	C-20E: 55'8" × 11'3" × 12'2"
	C-20ES: 17,150 x 3,450 x 3,700 mm	C-20ES: 56'3"x11'3" x 12'2"
Working dimensions* Lx WxH	C-20E: 16,000 x 4,000 x 4,600 mm	C-20E: 52'6" x 13'2" x 15'2"
	C-20ES: 20,000 × 12,400 x 5,600 mm	C-20ES: 65'6" × 40'7" × 18'4"
Weight*	33,000 kg / 47,000 kg	72.750 lbs / 103,617 lbs
Cone Crusher		
Maximum Recommended Feed Size	185 mm	7.3"
Power	132 kW / 160 kW (optional)	177 hp / 214 hp (optional)
Belt Feeder		
Width	2,400 mm	7'10"
Hopper volume	5 m³	6.5 yd³
Loading height	2,800 mm	9'2"
Loading width	2,400 mm	7'10"
Main Conveyor		
Length	9,800 mm	32'2"
Width	1,000 mm	40"
Discharge Height	2,200 mm	7'3"
Vibrating Screen (Optional)		
Decks	2	2
Size	3,000 x 1,500 mm	9'10" x 4'11"
Stroke	7 - 12 mm	0.3: - 0.5"
Product Conveyor (Optional)		
Length	7,100 mm	23'4"
Width	1,200 mm	48"
Height	3,200 mm	10'6"
Mid-size Product Conveyor (Optional)		
Length	9,400 mm	30'10"
Width	650 mm	26"
Discharge Height	2,400 mm	7'10"
Return Conveyor (Optional)		
Length	10,600 mm	34'9"
Width	500 mm	20"
Discharge Height	3,800 mm	12'6"
Power Unit		
Model	Cummins QSB3.9	
Power	110kW	148 hp
Options		
Interlocking cable	Dust Cover	
Wireless remote control	Working Light Mast LED	
High pressure water pump (water spaying pipes and nozzles pre-equipped as standard)	Screen unit module (including return, oversize, side and product conveyors)	

*Including screening unit

Electric power / plug-in mode



Applications

Widely used in mining or construction materials fields. Suitable for crushing medium-high hardness ores and rocks, such as quartz stone, granite, basalt, iron ore, copper ore, etc.

Combine With:

PT Pro J-II mobile jaw crushing unit
PT Pro ST-08E mobile screening unit
PT Pro SC-08E mobile screening unit

POWERTRACK PT PRO I-13DS

MOBILE IMPACTOR CRUSHING UNIT

Suitable for the primary, secondary or fine crushing of all medium to low abrasive materials

Powertrack PT Pro I-13DS is commonly used for recycling and is also the best choice for crushing natural stone with medium to low abrasiveness.

Due to its high crushing ratio, it is often used as an independent unit to produce high-quality finished aggregates. Thanks to the hybrid design, it can be connected to the external power grid to drive the crushing system, resulting in zero emission and operational costs reduction; it can also be powered by the onboard genset.

Feed Hopper

Alloy steel material and reinforcing bars on the lateral plates ensure robust structure of the hopper. Optional expansion hopper volume up to 9 m³.

Impact Crusher

Large feed size provides high production and finished product with excellent particle size. Structure designed for mobile crushing unit ensures stable and reliable operation.

Return Conveyor

The oversize material can be taken back to the crusher for re-crushing to improve the quality of finished product.

Power Unit

Equipped with diesel genset to ensure flexibility in the remote area; it can also utilise the external power grid, resulting in significant savings in operational costs.

Main Conveyor

Dust cover and water spray system are optional for dust reduction. External water supply is available.

Product Conveyor

Discharge the crushed material or transfer them to the further screening process

Vibrating Screen

The vibrating screen accurately screens the crushed materials through the vibrating screen.

Grizzly Feeder

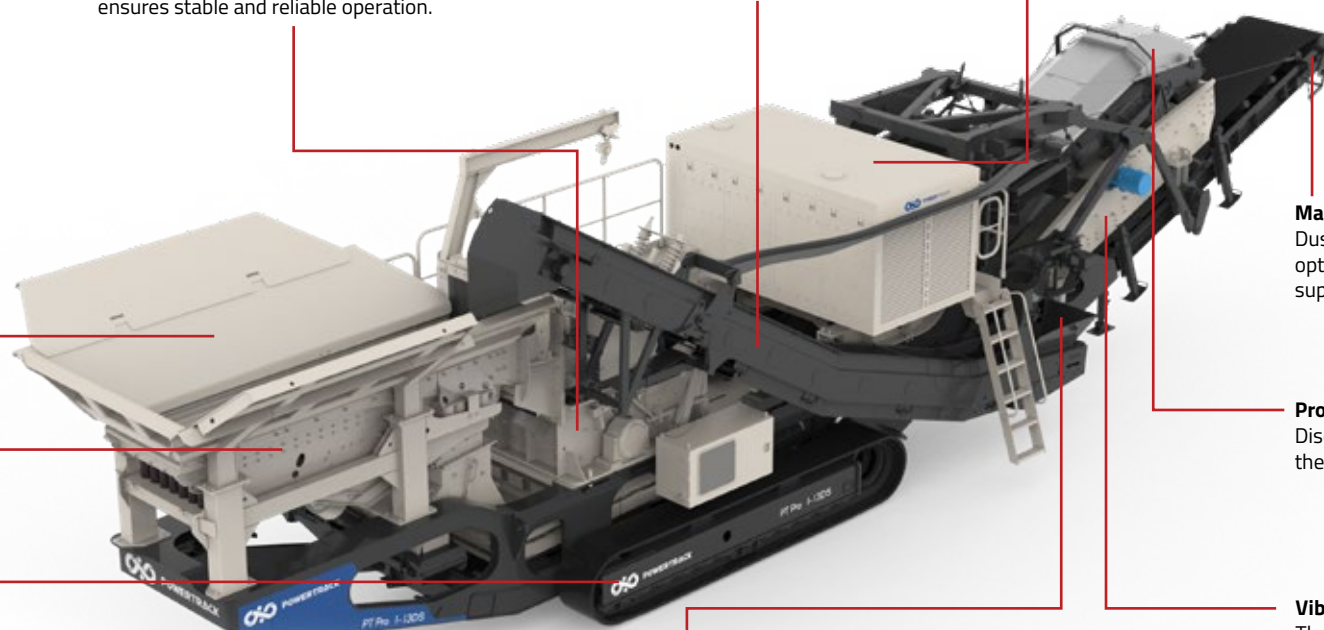
Efficient pre-scalping system and frequency conversion feeder enable even and continuous feeding. To ensure stable production, the feeding volume can be controlled according to the load of crusher.

Tracks

Tracks make I-13DS easy to move in all the crushing sites

Oversize Conveyor

Transfer the oversize material to the return conveyor.



POWERTRACK PT PRO ST-08E

MOBILE SCREENING UNIT

Designed for screening crushed rock, as well as sand and gravel, etc.

Powertrack PT Pro ST-08E features a convenient screen design. Depending on the properties of the materials being screened, a wide range of screen media can be selected to control the final product granularity, ensuring efficient material screening.

All conveyors can be hydraulically folded for easy transportation.

PT Pro ST-08E is commonly used in combination with other mobile crushing units or operating as a stand alone unit for screening applications.

Top Deck Side Conveyor

This conveyor can be used either in open circuit to produce a final fraction directly or in close circuit configuration with mobile crusher to send back to the previous crusher oversized fraction from top deck.

Lifting Conveyor

The conveyor is equipped with spreader plate to distribute even material flow on the screen. The discharge section can be hydraulically raised for screen meshes replacement and maintenance.

Service Platform

Safer and more convenient daily maintenance.

Product Conveyor

Extra wide belt and large discharge height. The head can be folded for easy transportation.

Bottom Deck Side Conveyor

Foldable for easy transportation.

Middle Deck Oversize Conveyor

Foldable for easy transportation.

Feed Hopper

The tipping grid can remove large materials before screening. Variable frequency feeding device is interlocked with the previous crusher to ensure even and continuous feeding.

SS Series Vibrating Screen

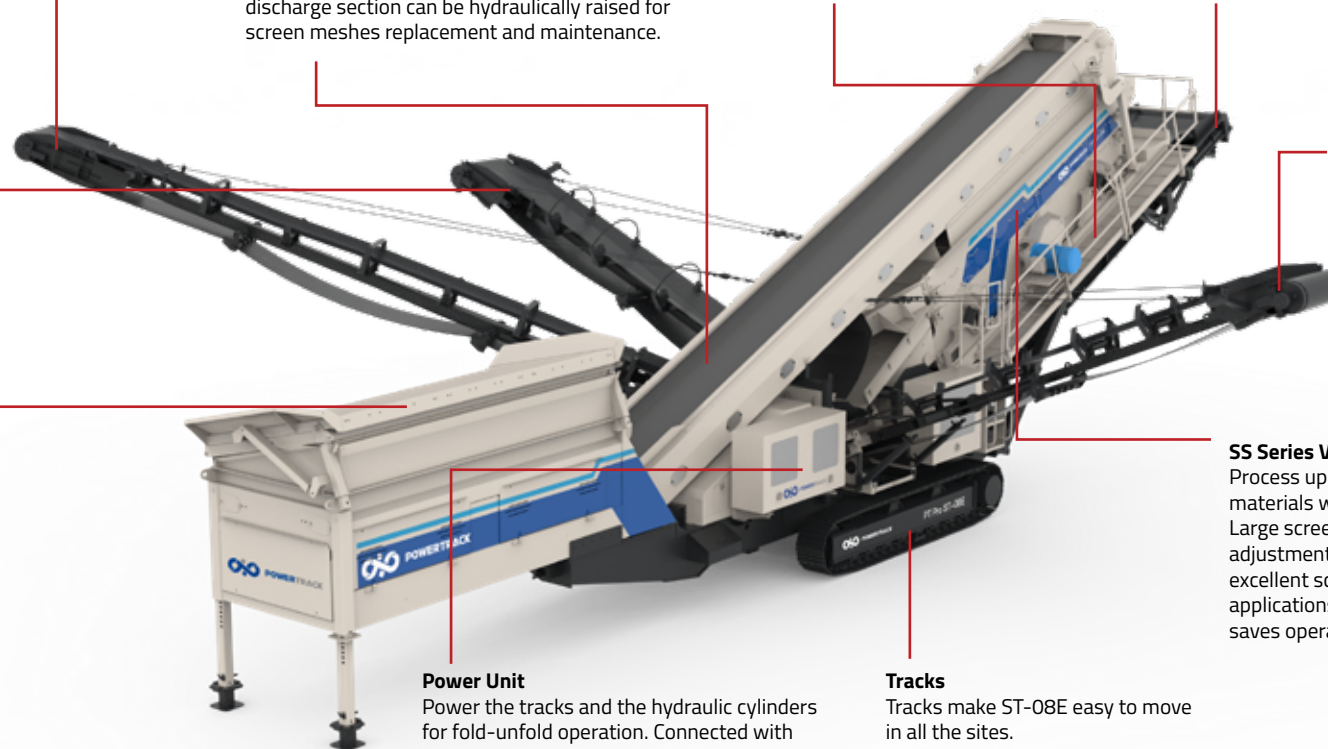
Process up to four different types of materials with standard three-deck screen. Large screening area of 8.4 m². Flexible adjustment of screening angle ensures excellent screening capability for different applications. Electric driven screening unit saves operational costs significantly.

Power Unit

Power the tracks and the hydraulic cylinders for fold-unfold operation. Connected with external power supply, the electric driven screening process saves operational costs significantly.

Tracks

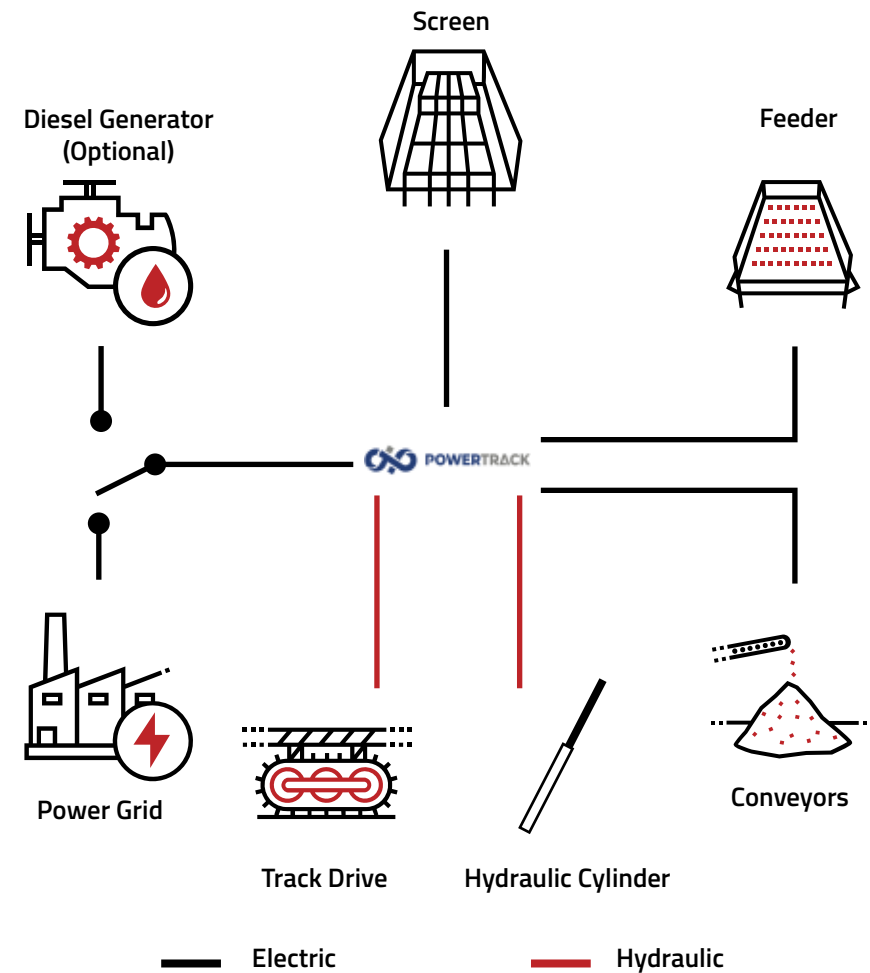
Tracks make ST-08E easy to move in all the sites.



General Information		
Capacity	150-500 t/h	165-551 t/h
Power	60 kW	80 hp
Transportation Dimensions L x W x H	18,000 x 3,150 x 3,650 mm	59' x 10'4" x 12'
Working Dismensions L x W x H	18,800 x 15,900 x 6,200 mm	61'6" x 52'2" x 20'3"
Weight	32,000 kg	70,547 lb
Vibrating Screen		
Maximum Recommended Feed Size	150 mm	5.9"
Size	5,480 x 1,520 mm	17'11" x 5"
Screening area	8.4 m ²	10 yd ²
Decks	3	3
Stroke	8-10 mm	0.3"-0.4"
Power	15kW	20 hp
Feeder		
Type	Belt feeder with tipping grid (optional)	
Hopper Volume	7.5 m ³	9.8 yd ³
Loading Height (w./w.o. tippin grid)	2,500 mm / 3,400 mm	8'2" / 11'1"
Loading Width	4,700 mm	15'3"
Lifting Conveyor		
Length	11,200 mm	36'9"
Width	1,050 mm	42"
Top Deck Side Conveyor		
Length	10,000 mm	32'10"
Width	650 mm	26"
Discharge Height*	4,800 / 5,300 mm	15'7" / 17'5"
*Adjustable discharge height		
Middle / Bottom Deck Side Conveyor		
Length	7,600 mm	24'11"
Width	800 mm	32"
Discharge Height	3,900 mm	12'8"
Product Conveyor		
Length	7,900 mm	25'11"
Width	1,200 mm	48"
Discharge height	4,100 mm	13'5"
Power Unit		
Model	Cummins QSB3.9	
Power	110 kW	148 hp
Options		
Remote Control	High pressure water pump (water spaying pipes and nozzles pre-equipped as standard)	
Dust Cover	Working light mast led	

*Including screening unit

Electric power / plug-in mode



Applications

It is widely used for screening crushed aggregates in fields such as mining, construction materials and waste recycling in combination with mobile crushing units as well as a stand-alone screening unit.

Combine With:

PT Pro J-IIE mobile jaw crushing unit
PT Pro C-20ES mobile cone crushing unit
PT Pro I-IDS mobile impact crushing unit

POWERTRACK PT PRO SP-08D

MOBILE SCALPING SCREENING UNIT

Suitable for mining, construction waste materials and aggregate screening.

Powertrack PT Pro SP-08D is the heavy-duty scalping screening unit that can work alone or in combination with primary crushing unit. It is widely used in prescreening of feed with many fines like topsoil, earthwork, recycled waste,

river gravel and slag, etc. and also effectively in scalping sticky recycling material. PT Pro SP-08D can be driven by dual power - external power grid or onboard genset, making it flexible to deal with different operating conditions.

Feeder

Feed chute is made of high-strength and abrasion resistant steel. Standard apron feeder ensures stable feeding of coarse material. Belt feeder is optional.

Vibrating Screen

High stroke for efficient separation in sticky material. Double screen decks with the same screening area ensures screening efficiency. Various selection of versatile screen media to meet different working conditions.

Fines Conveyor

Chevron belt conveyor with higher discharge height. Foldable for easy transportation.

Midsize Conveyor

Chevron belt conveyor with higher discharge height. Foldable for easy transportation.

Power Unit

Dual-power technology - flexible switching between diesel or plug-in electric operating modes, resulting in significant savings in operating costs.

Tracks

Tracks make SP-08D easy to move at sites.

Overrides Conveyor

Ultra-wide chevron belt conveyor ensures continuous conveying oversize material and maximises the discharge height.

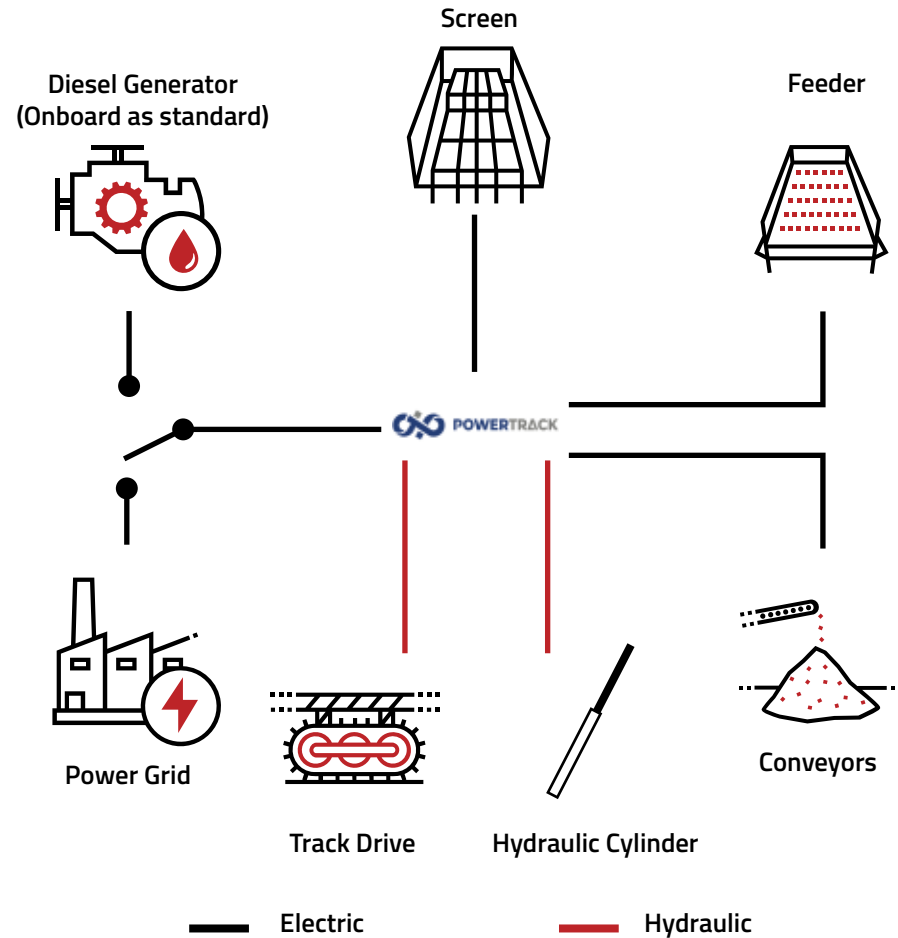
Service Platform

Safer and more convenient daily maintenance.



General Information		
Capacity	150-500 t/h	165-551 t/h
Power	62 kW	83 hp
Transportation Dimensions L x W x H	15,850 x 3,450 x 3,750 mm	52' x 11'3" x 12'3"
Working Dismensions L x W x H	14,800 x 15,200 x 4,700 mm	48'6" x 50' x 15'5"
Weight	32,000 kg	70,547 lb
Vibrating Screen		
Maximum Recommended Feed Size	600 mm (Apron feeder)/ 400 mm (Belt feeder)	24" (Apron feeder)/ 16" (Belt feeder)
Size	4,870 x 1,520 mm	16'x5'
Screening area	7.4 m ²	8.9 yd ²
Decks	2	2
Stroke	7-15 mm	0.3"-0.6"
Power	15kW	20 hp
Feeder		
Type	Apron feeder/Belt feeder (Optional)	
Hopper Volume	5.5 m ³	7.2 yd ³
Loading Height (w./w.o. tippin grid)	4,070 mm/3,700 mm (Backwall removed)	13'4" / 12'2" (Backwall removed)
Loading Width	3,200 mm	10'5"
Oversize Conveyor		
Length	5,500 mm	16'4"
Width	1,200 mm	4'
Discharge Height	4,200 mm	10'5"
Midsize Conveyor		
Length	8,600 mm	28'3"
Width	800 mm	32"
Discharge Height	4,200 mm	13'8"
Fines Conveyor		
Length	8,600 mm	28'3"
Width	800 mm	32"
Discharge Height	4,000 mm	13'2"
Power Unit		
Model	Cummins B5.9CS4-GT2 with Stamford alternator	
Power	110 kW	148 hp

Electric power / plug-in mode



Applications

It can work independently or in combination with mobile crushing unit, widely used for screening in fields of mining, aggregate, recycling, etc.

Combine with

PT Pro J-IE mobile jaw crushing unit
PT Pro I-IDS mobile impact crushing unit



Powertrack PT Pro crushing units are powered by the robust range of machines from SRHeavy®. Delivering consistent, high-performance crushing for a wide range of applications. Engineered for flexibility, each unit can be easily adjusted to meet specific customer needs, ensuring superior quality and maximizing economic returns.

As a proud subsidiary of Metso, Shaorui Heavy Industries brings over 30 years of expertise in designing and manufacturing crushers and screens. Our experienced engineering teams, combined with deep industry knowledge and advanced tools, innovative solutions built for longer life, greater efficiency, and exceptional reliability.

SJC SERIES

JAW CRUSHER

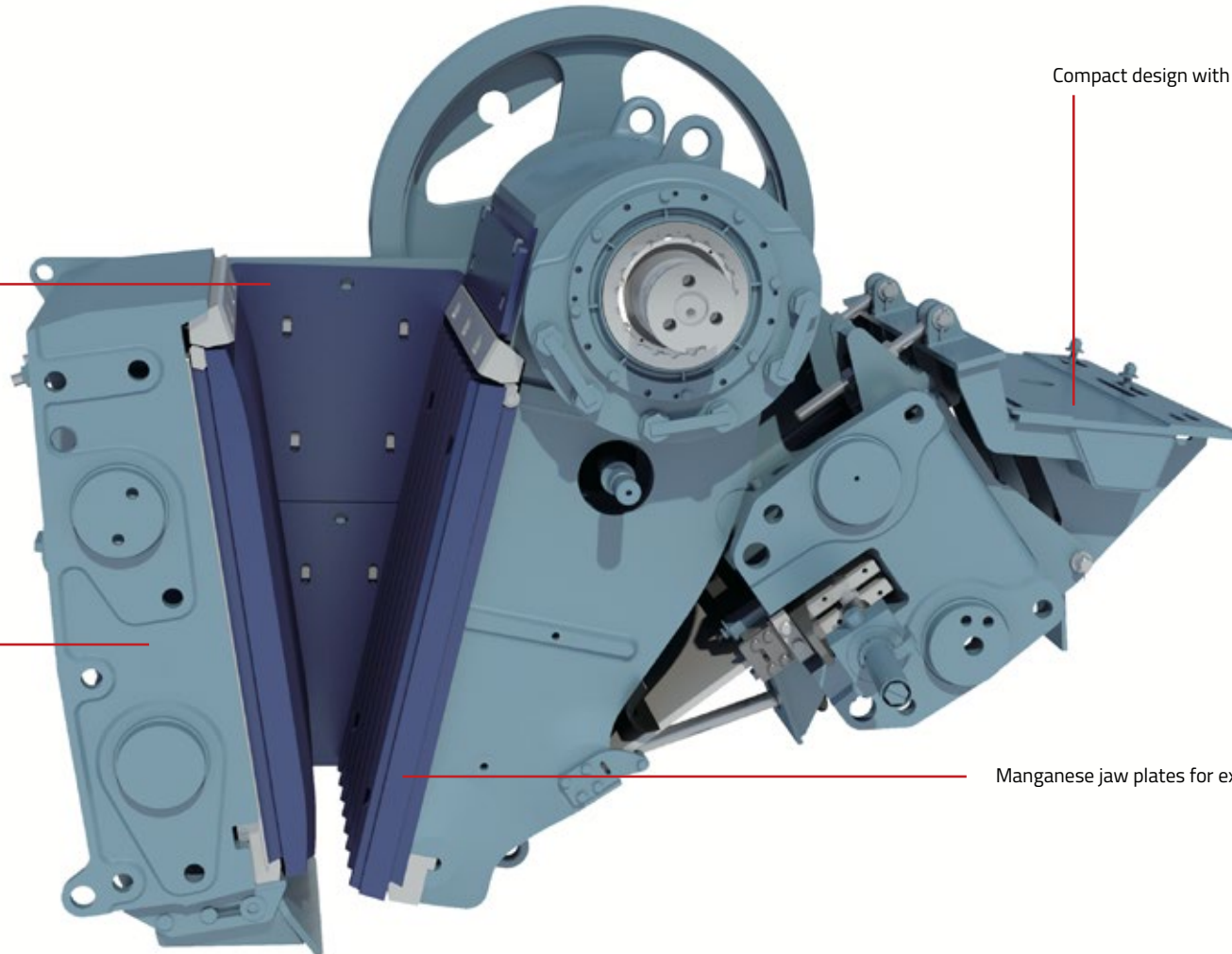
The SRHeavy® SJC series of crushers provide outstanding reliability and productivity even in the harshest working conditions.

Optimal nip angle, feed opening and performance

Compact design with integral motor support

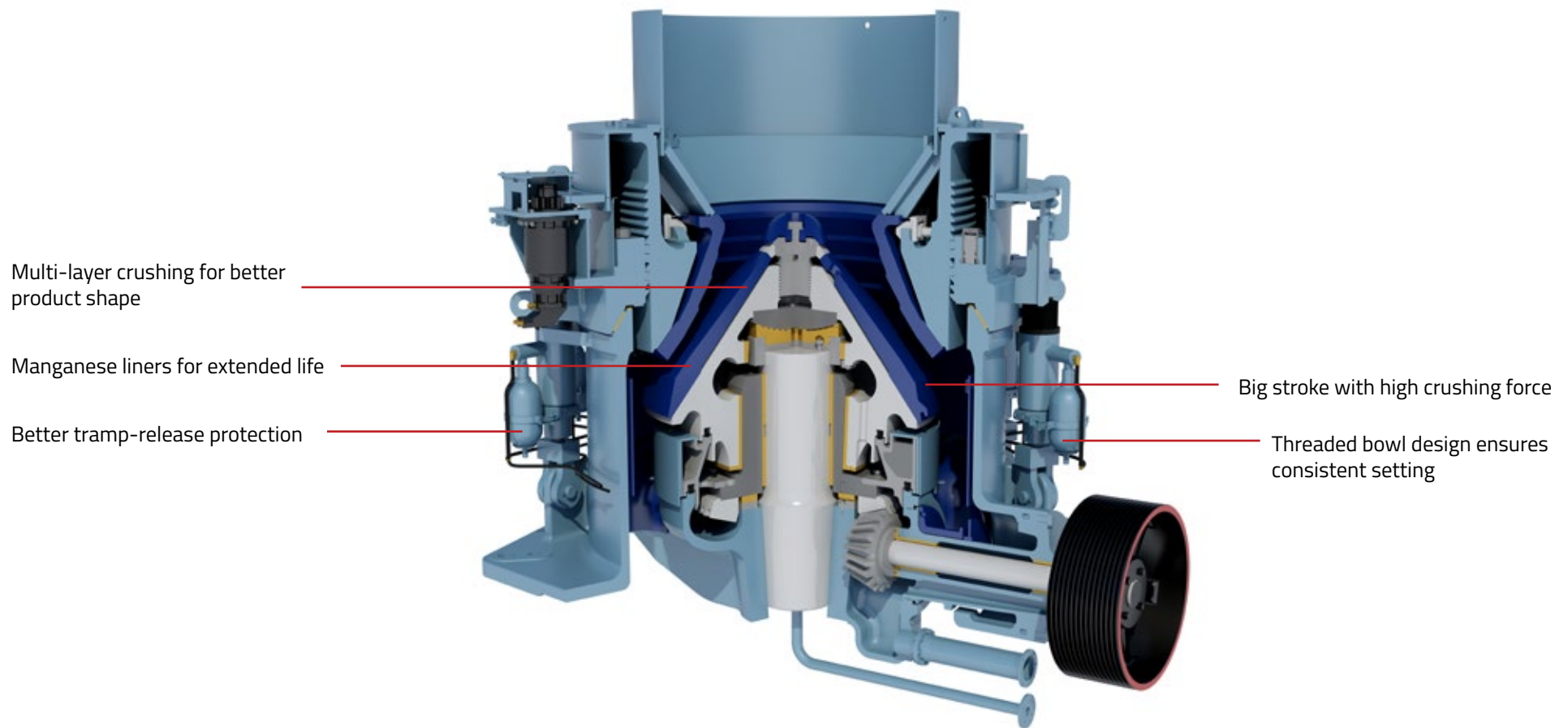
Bolted frame fatigue-resistant design, no weldings

Manganese jaw plates for extended life



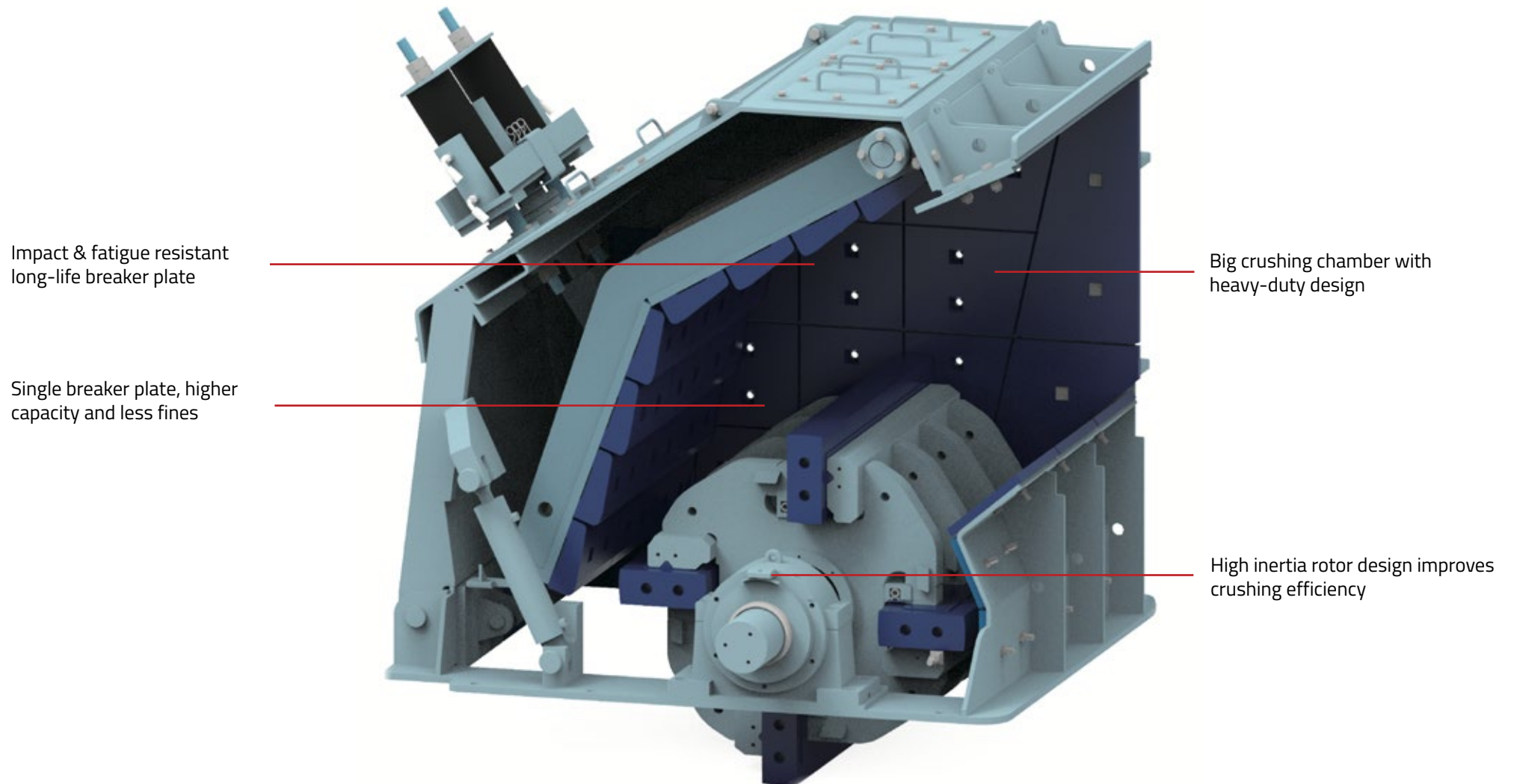
HYDRAULIC CONE CRUSHER

The SRHeavy® SCH2000 crusher is based on a classic design concept, with an excellent structure that not only ensures high productivity, but is also easy and safe to operate and maintain.



HORIZONTAL SHAFT IMPACTOR

The crusher utilizes the SRHeavy® SF1213M, designed for mobile crushing unit, which allows for larger feed sizes and ensures higher productivity.



SERVICING

Powertrack is committed to providing exceptional support for your equipment. Whether you're a new customer or a long-time partner, we prioritise your satisfaction. Our comprehensive service offerings cover various aspects to ensure optimal performance and longevity of your machinery.

WEAR PARTS

Wear parts are crucial for maintaining the longevity and efficiency of your machinery. These components experience gradual wear and tear during operation. Regular inspection and replacement of wear parts prevent unexpected breakdowns and optimise overall equipment performance.



SPARE PARTS

We offer a wide range of components tailored to your equipment. Spare parts are categorised into critical and routine maintenance items. Critical parts, like hydraulic components, help minimise downtime during unexpected failures, while routine parts, such as belts, maintain optimal performance over time.



TECHNICAL SUPPORT

We offer a wide range of components tailored to your specific equipment. We categorise spare parts into critical and routine maintenance items. Critical parts, such as hydraulic components, are essential for minimising downtime during unexpected failures. Routine maintenance parts, like belts, help maintain optimal performance over time.



TRAINING

We provide training sessions for your operators and maintenance staff, ensuring they understand best practices and safety guidelines.

VISION

To be the preferred global mid-market partner in mobile material processing equipment.



MISSION

To drive mobile material processing equipment to be more sustainable, efficient and economical.





ATHOS
CRUSHING & SCREENING

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