SANDVIK

Sandvik Mobiles Wheeled offering





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Sandvik Mobile Crushing and Screening

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Pioneering solutions

Driven by your needs

For over 160 years the name Sandvik has been synonymous with quality. Over the years, we have invested heavily in research and development to provide pioneering solutions driven by your needs.

We have developed new products and acquired many strong brands. Each has been integrated seamlessly into our portfolio putting us in a uniquely strong position to add value to your operation, whatever your requirements.

Our comprehensive range of wheeled units has been made to meet the same high standard as our tracked equipment, operating at maximum efficiency and designed for high capacity production. Powered by electricity they offer a low operational cost per tonne, as well as low emissions minimizing environmental impact.

Designed for versatility and compatibility to operate either in a train or independently, we have a comprehensive offering of innovative mobile equipment that has been proven to consistently deliver high quality output throughout the world in a variety of applications. These range from quarrying applications processing material such as granite and limestone, construction projects dealing with concrete and asphalt, to recycling and demolition applications.

Supported by an established worldwide distributor network, customers can benefit from a global, quality brand with local support. This combined with our industry expertise, can help you to optimize your operation and get the very best out of your investment.



Safety first

Take care and never walk by

Zero harm to people
Safety first is a fundamental attitude at Sandvik. Our objective is zero harm to our people, the environment we work in, our customers and our suppliers.

Subsequently, we take great care in the design of our equipment so you can be assured that operators can use our machinery in as safe a manner as possible.

They are equipped with operator platforms complete with handrails and ladders for ease of access. Safety guards are fitted in key locations, such as the crusher drives and flywheels for operator safety.

Minimizing environmental impact
Our machinery must operate at the highest levels of safety but we are also very aware that we need to minimize the environmental impact.

We have implemented measures to lower the environmental impact whilst in operation. Noise reduction measures such as rubber liners, dust suppression features including canvas conveyors, water sprinkling systems and water pumps are all available to optimize your work conditions.

Sustainability
Our purpose is to make the shift and advance the world through engineering. We have a unique contribution to make in helping to create a net zero, circular and regenerative world.

The future of rock processing will be net zero with equipment forming part of a circular value chain. Equipment will be powered by fossil-free energy and designed for maximum energy efficiency. Rock processing will be circular and highly productive, enabling customers to extract maximum value from resources from their mining or infrastructure applications, while minimizing waste and energy intensity.

Circularity: More than 90% circular

Climate: Halve the CO_2 impact

Champion people: Zero harm to people

Play fair: Always do the right thing

Aftersales support

At Sandvik we believe that the sale of our machinery is only the beginning of our relationship with our customers. With our comprehensive aftermarket offering and high levels of service and support, you can be assured of optimizing the performance and maximizing the productivty of your equipment.

Our parts and service team is part of a Global Support Centre striving to deliver the best possible service and are supported by our extensive distributor network covering over 100 locations globally.

As a market leader, our products are renowned for quality, performance and reliability. But when your equipment shows signs of natural wear or the unexpected happens, we aim to dispatch the parts you need quickly and cost effectively.

We have thousands of parts in stock in our Aftermarket facility. You can count on genuine Sandvik spare and wear parts to keep your operation running at peak performance.

Our offering includes:
— Manganese wear parts
— Extensive selection of wear protection and screening media
— Rubber liners for cone crushers
— Flexifeed
— Filter kits
— Recommended spares

We want to make sure your downtime is minimal and enable you to lower your costs. We also offer a range of service and maintenance programmes for all our products designed to suit your requirements.





Security+ extended warranty
To help keep your equipment operating efficiently and at an optimum level, we have created our Security+ package.

In addition to the standard warranty of 2 years or 3,000 hours (whichever comes first), we also have our Security+ extended warranty service agreement available. This additional coverage helps you plan and manage your maintenance budget, with the reassurance that your machine is receiving the best support available with the added value of a full service history.





Jaw crushers

We offer a wide range of wheeled jaw crushers to fulfil for your primary crushing needs

All models feature a Sandvik jaw crusher with an impressively large feed opening for its size. Possessing an ideal nip angle for smooth material flow, high reduction efficiency and single-toggle operation with a deep crushing chamber, it has an easy setting adjustment for simple and efficient operation.

All of these features are aimed at high capacity production and ease of operation. The simple, yet effective design includes many advanced features for versatility, mobility, durability and a low cost per tonne operation.

Key benefits

— Highly productive Sandvik jaw crusher for high performance and reliability
— Adjustable jaw setting for a variety of applications
— Grizzly feeder with adjustable openings and by pass allows greater flexibility
— Robust welded crusher frame built to withstand the toughest of applications
— Removable electrical control panel can be located on the ground for ease of operation
— Low cost per tonne operation due to electric drive

Models	UJ313 *	UJ310 *	UJ300	UJ210
Equipment	CJ211 jaw SW1043H feeder	CJ411 jaw SW1253H feeder	CJ211 jaw SW1043H feeder	CJ409 jaw SW1043H feeder
Feed opening (mm / inch.)	1100 x 700 / 43 x 27	1045 x 840 / 41 x 33	1045 x 840 / 41 x 33	895 x 660 / 35 x 26
Maximum feed size (mm / inch.)	630 / 26	750 / 30	630 / 26	600 / 25
Total power (kW / hp)	120 / 161	141 / 189	117 / 156	102 / 137
Transport dimensions (m / (inch.)	13.71 / 45’ (l) 5.71 / 18’ 9” (w) 4.00 / 13’ 1” (h)	15.13 / 49’ 7” (l) 2.56 / 8’ 2” (w) 4.00 / 13’ 1” (h)	12.60 / 41.3 (l) 2.55 / 8.33 (w) 4.10 / 13.45 (h)	12.60 / 41.3 (l) 2.55 / 8.33 (w) 4.10 / 13.45 (h)
Weight (kg / lb)	42,350 / 93,366	52,500 / 115,700	37,000 / 81,571	36,500 / 80,500

* This unit is CE certified



Sandvik UJ313



Sandvik UJ300



Sandvik UJ310

Cone crushers

Highly productive and economical solution for secondary and tertiary crushing

Our wheeled range of cone crushers provides you with a highly productive and economical solution for secondary and tertiary crushing.

All models feature our pioneering Hydrocone crusher, one of the most advanced cone crushers available offering you high capacity operation, high reduction efficiency combined with excellent product shape.

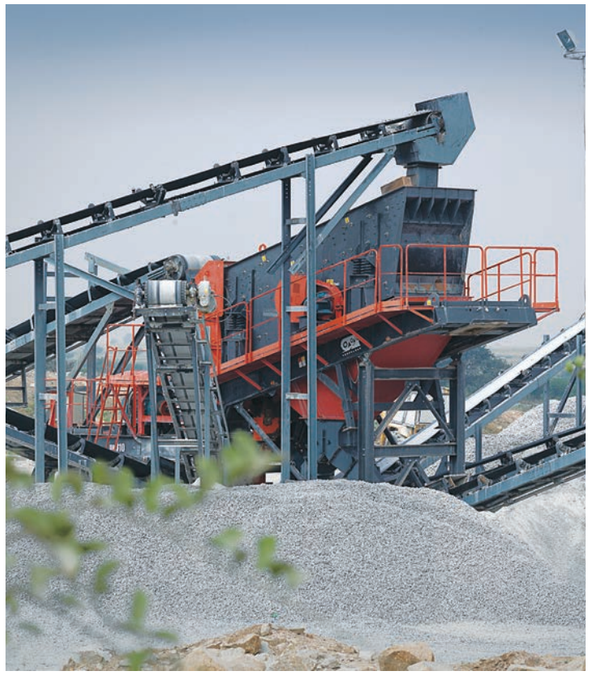
Our hydraulically adjusted Hydrocone is robust and easy to service. With a wide choice of different crushing chambers and eccentric throws, this ensures our units are versatile and able to adapt to a wide range of different applications.

Key benefits
- Advanced Sandvik Hydrocone renowned for reliability and performance
- Hydraulically adjustable settings for a variety of applications
- Adjustable throw enabling fine tuning to match your required specification
- Easy access to the cone for maintenance
- Removable electrical control panel can be located on the ground and operated via remote control
- Optional ASRi
- Low cost per tonne operation due to electric drive

Models	UH412	UH316	UH312	UH311
Equipment	CH440 cone SA2164 four deck screen	CH430 cone S1853 triple deck screen	CH440 cone SA1854 four deck screen	CH430 cone SA1854 four deck screen
Maximum feed size (mm / inch.)	215 / 8.5	185 / 7.5	215 / 8.5	185 / 7.5
Number of products	up to 4	up to 3	up to 4	up to 4
Total power (kW / hp)	278.5 / 373	159.5 / 213	257.5 / 369	167 / 223
Transport dimensions (m / inch.)	14.24 / 46.72 (l) 3.00 / 9.84 (w) 4.08 / 13.38 (h)	12.30 / 40.35 (l) 2.80 / 9.18 (w) 5.00 / 16.40 (h)	12.30 / 40.35 (l) 2.80 / 9.18 (w) 4.69 / 15.38 (h)	12.30 / 40.35 (l) 2.8 / 9.18 (w) 4.67 / 15.32 (h)
Weight (kg / lb)	33,800 / 74,516	35,000 / 77,161	38,840 / 85,627	35,150 / 77,505



Sandvik UH316



Sandvik UH311



Sandvik UH412

Gyratory ’S’ cone crushers

Highly productive and economical solution for secondary crushing

Our wheeled range of gyratory cone crushers provides you with a highly productive and economical solution for secondary crushing.

Fitted with the CS430 “S” type gyratory cone crusher, it is capable of accepting large feed sizes and achieving high production capacities.

Hydraulically adjustable settings, a choice of different crushing chambers and throws plus many other high performance features makes the unit extremely versatile and easy to operate. The compact and easy-to-service design makes it the perfect choice for mobile installations.

Key benefits

— Excellent in secondary applications due to the large feed opening
— Advanced Sandvik Hydrocone renowned for reliability and performance
— Adjustable throw enabling fine tuning to match your required specification
— Easy access to the cone for maintenance
— Removable electrical control panel can be located on the ground and operated via remote control
— Optional ASRi
— Low cost per tonne operation due to electric drive

Models	US316
Equipment	CS430 cone SA1853 triple deck screen
Maximum feed size (mm / inch.)	300 / 12
Number of products	up to 3
Total power (kW / hp)	160 / 213
Transport dimensions (m / inch.)	12.30 / 40.35 (l) 2.80 / 9.18 (w) 5.00 / 16.40 (h)
Weight (kg / lb)	38,100 / 83,996







HSI crushers

Our wheeled Horizontal Shaft Impact (HSI) crushers are designed for high productivity and ease of transport

Fully assembled on a single trailer frame, we have designed these units to provide complete versatility at a low operating cost.

The patented and highly modularized Sandvik HSI crusher with a revolutionary chamber design results in greater reduction ratios. The crusher can produce products with two curtains (greater breakage), which competitors require three curtain crushers to produce.

An infinite hydraulic curtain adjustment combined with a brake positioning system relieves pressure and setting when un-crushable objects enter the crusher. No hydraulic power is required during normal operation reducing total power consumption.

Key benefits

— Patented Prisec™ technology for flexibility and exceptional productivity
— Both curtains are infinitely adjustable via our patented hydraulic adjustment/braking system
— Modularized wear parts can be turned for maximum life / usage
— Pan feeder with double deck vibrating screen with stepped grizzly for efficient scalping and fines removal
— Removable electrical control panel can be located on the ground and operated via remote control
— Low cost per tonne operation due to electric drive

Models	UI310 +	UI310
Equipment	CI721 HSI ST1263 feeder	CI721 HSI ST1363 feeder
Maximum feed size (mm / inch.)	700 / 28	700 / 28
Total power (kW / hp)	286 / 383	293 / 392
Transport dimensions (m / inch.)	16.25 / 53.3 (l) 3.15 / 10.33 (w) 4.10 / 13.45 (h)	15.65 / 51.34 (l) 3.3 / 10.82 (w) 4.10 / 13.45 (h)
Weight (kg / lb)	56,400 / 124,341	53,000 / 116,845



Sandvik UI310+



Sandvik UI310



Interchangeable wear plates

VSI impact crushers

Highly efficient mobile crushing and screening system for the production of premium shaped aggregates

Our Vertical Shaft Impactor (VSI) range of wheeled units combine our state of the art VSI crusher technology with a Sandvik screen to provide a highly efficient mobile crushing and screening system for the production of premium shaped aggregates.

Purpose built for the aggregates industry our VSI crushers can be used as a tertiary crusher for high capacity production and cubical shape at a consistent quality.

With many advanced design features, our models combine mobility and flexibility of operation, with high quality production and low cost per tonne operation.

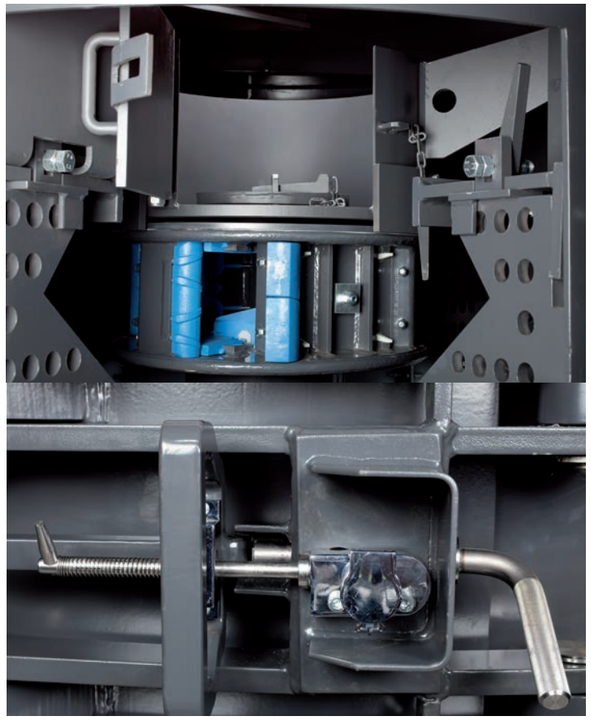
Key benefits
- Sandvik VSI technology renowned for its cubical properties
- Capable of processing hard and abrasive rocks to soft, moist or even sticky materials
- Produces sized aggregates of a consistent high quality through easily controlled product grading
- Flexibility to produce one to four products
- Low cost per tonne operation due to electric drive



Models	UV312	UV210
Equipment	CV218 VSI SA1854 four deck screen	CV217 VSI SA1853 triple deck screen
Maximum feed size (mm / inch.)	55 / 2' 2"	50 / 2
Number of products	up to 4	up to 3
Total power (kW / hp)	242 / 324	203.5 / 272
Transport dimensions (m / inch.)	12.30 / 40.35 (l) 2.80 / 9.18 (w) 5.18 / 16.99 (h)	12.30 / 40.35 (l) 2.80 / 9.18 (w) 5.00 / 16.40 (h)
Weight (kg / lb)	31,500 / 69,445	29,700 / 65,477



Sandvik UV312



Sandvik VSI

Dual-stage crusher

Designed to provide an integrated solution for high-quality material size reduction and classification

Our UD211 offers you a fully integrated, compact and extremely economical two stage closed circuit crushing and screening unit. We have designed this unit to provide a customer focused solution for material size reduction and classification at low operating costs.

The UD211 brings together key elements of our world leading product lines onto one mobile chassis to produce a compact, highly productive unit which is capable of producing up to four different fractions. The UD211 is capable of achieving world class performance, with maximum efficiency for economical operation.

Key benefits

- Highly productive Sandvik CJ409 jaw and CH420 cone crusher for high performance and reliability
- Easy feed to the screen via the patented Scorpion loop conveyor
- Produces sized aggregates of a consistent high quality through easily controlled product grading
- Frequency inverter for feeder speed control in order to provide step less regulation of the feed rate
- Removable electrical control panel can be located on the ground and operated via remote control
- Optional ASRi
- Low cost per tonne operation due to electric drive

Models	UD211
Equipment	CJ409 jaw CH420 cone SW0843H feeder SB1542 triple deck screen
Maximum feed size (mm / inch.)	CJ409 600 / 23.6 CH420 130 / 5.1
Number of products	up to 4
Total power (kW / hp)	203.6 / 276
Transport dimensions (m / inch.)	16.53 / 54.23 (l) 2.50 / 8.20 (w) 4.00 / 13.12 (h)
Weight (kg / lb)	52,000 / 114,640



Sandvik UD211



Sandvik CH420



Sandvik UD211

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