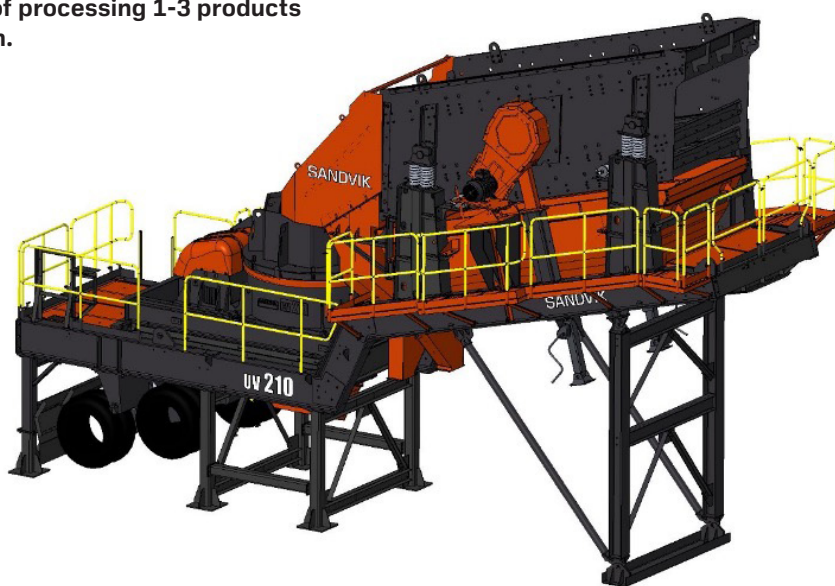




Sandvik UV210

Wheeled VSI unit

The UV210 is a tertiary crushing unit fully assembled on a single trailer frame purpose designed for the aggregates industry. Featuring the CV217 Vertical Shaft Impactor (VSI) crusher and new SA1853 triple deck vibrating screen for increased screening accuracy and efficiency, it has been designed to offer a highly versatile, high-end capacity plant capable of processing 1-3 products of premium shape at a low cost-per-tonne operation.



Key benefits

Reliability

- Market leading CV217 VSI impactor for reliability and high performance
- All onboard components are electrically driven giving reliability and minimal maintenance
- Heavy duty chassis beams, strength analysis on structural parts and quality components for durability
- Capable of operating in the most hostile environments

Productivity

- Sandvik VSI technology renowned for high capacity production and cubical shape at a consistent quality
- Produces shaped aggregates and sand of a consistent high quality through controlled product grading
- Three-port patented rotor design and Bi-Flow™ technique enable consistent material flow and high throughput
- Capable of processing hard and abrasive rocks to soft, moist or even sticky materials
- Quick and easy replacement of wear parts, which keeps your equipment productive with minimal downtime
- Three-port patented rotor design and Bi-Flow™ technique enable consistent material flow and high throughput
- New SA screen with improved performance and screening accuracy, built for durability and ease of operation
- Simple and efficient operation with soft starting crusher for trouble free operation

Cost of ownership

- Low cost-per-tonne due to electric operation
- Patented 3-port rotor and Bi-Flow™ technique result in low consumption of wear parts due to rock-on-rock crushing, and thereby lower running costs
- Quick to set-up and easy to maintain, resulting in more uptime and higher productivity

Safety

- Unique key trapped system to ensure safe inspection after the rotor has stopped turning
- New screen has been designed for enhanced safety with a protected steel coil spring and PU end cup as standard
- Removable electrical control panel can be located on the ground during operation
- Maintenance platforms with handrails and access ladders provide excellent access for service and maintenance

Sustainability

- Low emissions due to electrical operation, reducing CO₂ emissions
- Quality components ensure longer lifetime and support optimized service and maintenance

Support

- Extensive distributor, sales and service network

Technical specification

Key specifications	UV210
Screen	
Type	Sandvik SA1853 circular motion
Decks	3 deck
Size	1829 mm x 4877 mm / 6' x 16'
Screening area	5.92 m ² / 278.78 ft ²
Drive	Electric motor 18.5 kW
Crusher	
Type	Sandvik CV217 VSI
Feed size	50 mm / 2"
Standard speed	51 M / sec
Drive	Electric motor 185 kW, 4 pole

Key specifications	UV210
Power system	
All electrics are intended for connection to a mains supply	
Total power	203.5 kW
Supply voltage	415-50 Hz/440V-60 Hz / 3-phase a.c.
Control voltage	220 V-50 /60Hz/ 3-phase a.c.
Running gear	
Type	2" / 31 / 2" King-pin, double-axle bogie with air-brakes and running lights. Tyres 10" x 20" - 16 ply
Transport dimensions	
Length	12.30 m / 40.4'
Width	2.80 m / 9.2'
Height	5 m / 16.5'
Standard weight	29,700 kg / 65,477 lbs
Operating dimensions	
Length	12.30 m / 40.4"
Width	4.82 m / 15.10'
Height	7.77 m / 25.6'
Performance	
Max feed size	50 mm / 2"
Capacity (up to)	185 mtph / 200 stph *

Note. All weights and dimensions are for standard units only

Standard specification

- Self contained electrical switchgear cabinet with soft starter
- Maintenance platform with handrails and access ladder
- Safety guards to crusher drives
- Emergency stop buttons

- 2" / 3 1/2" King-pin, double-axle bogie with air-brakes and running lights.
Tyres 10" x 20" - 16 ply
- Trailer suitable for 24 V supply