



UV210 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The UV210 is a tertiary crushing unit fully assembled on a single trailer frame consisting of a CS86 triple deck vibrating screen and CV217 VSI (vertical shaft impactor) crusher.

The Sandvik UV210 is a wheel mounted mobile unit that incorporates the highly productive CV217 vertical shaft impact crusher. Sandvik VSI crushers present customers with premier quality vertical shaft impact crusher technology. With many new and advanced design features, Sandvik VSI crushers enable customers to achieve maximum efficiency and reliability in their operations, combined with consistent high quality production.

KEY BENEFITS

- Sandvik VSI crushers are built to suit the requirements of all applications and possess the ability to handle hard, abrasive, fine, moist or sticky feed materials.
- Very low operational cost per tonne
- Produces sized aggregates and sand of a consistent high quality.
- Quick and simple replacement of wear parts.
- Combined with the large screen the UV210 has proved to be the ideal for tertiary crushing.
- The VSI crusher can be fed two ways:
 - From the top deck of the screen. Top deck material is fully fed to the crusher. Second deck material may be split; either to the crusher or taken as product
 - From the crusher feed belt conveyor
- The operator's platform has handrails and access ladders from the ground.
- Safety guards are fitted to drives of the crusher and screen.
- Easy and quick transport between job sites.
- Compact design and easy access to all equipment.
- All the feed, discharge and connection chutes are of robust construction, made of steel plate with liner.
- Self-contained electrical switchgear cabinet on board for power distribution to all of the motors on board the unit as well as the feed and product conveyors. Soft starter provided for starting the crusher. A junction electrical box is wired on board.
- Emergency stop push buttons are provided at appropriate places.



KEY SPECIFICATIONS	UV210
Crusher	
Type	Sandvik CV217
Feed size	50 mm / 2"
Drive	185 kW, 50 Hz electric motor, squirrel cage type
Screen	
Sandvik CS86 III circular motion	1800 x 4800 mm / 5.9' x 15.8'
No of decks	Triple deck
Drive	15 kW, 50 Hz electric motor
Power system	
All electrics are intended for connection to a mains supply	
Total power	200 kW
Supply voltage	415V / 50 Hz / 440V / 60 Hz 3-phase AC
Control voltage	220V / 50 Hz / 60 Hz 3-phase AC

If powered by a genset at least 750 KVA is required.

KEY SPECIFICATIONS	UV210
Operating dimensions	
Height	7.60 m / 24.9'
Width	4.60 m / 15.1'
Length	11.85 m / 38.9'
Transport dimensions	
Height	4.75 m / 15.55'
Width	2.75 m / 9'
Length	12.30 m / 40.4'
Weight	31 mton / 35 ston
Performance	
Max feed size	40 mm / 1 1/2"
Capacity (up to)	180 mtpd
Running gear	2" King-Pin, Double axle bogie with air-brakes and running lights. Tyres 10" x 20" - 16 ply

Note. All weights and dimensions are for standard units only

OPTIONS

VSI feed conveyor
VSI discharge conveyor
Screen feed conveyor
Product conveyors
VSI by-pass chute