



# UV311 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

## TECHNICAL SPECIFICATION

**The Sandvik UV311 is a wheel mounted mobile unit that incorporates the CS 86 triple deck vibrating screen and the highly productive CV218 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 UV311 has proved to be the ideal for tertiary crushing.
- The VSI crusher can be fed by two ways:
  - From the top deck of the screen. Top deck material can fully or partially by-pass the crusher, as product.
  - From the previous crusher feed belt conveyor.
- This unit has been designed to produce 1- 4 products depending on the customer's requirement.
- 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 of the crusher. A junction electrical box is wired on board.
- Emergency stop push buttons are provided at appropriate places.



KEY SPECIFICATIONS	UV311
Feed station	
PF 0830	
Crusher	
Type	Sandvik CV218
Feed size	55 mm / 2.2"
Drive	220 kW, 50 Hz electric motor, squirrel cage type
Screen	
Sandvik CS86 III circular motion	1800 x 4800mm / 5' 11" x 15' 9"
No of Decks	Triple Deck
Drive	Electric motor 15 kW
Power system	
All electrics are intended for connection to a mains supply	
Total power	235 kW
Supply voltage	415 V - 50 Hz / 3-phase AC
Control voltage	220V - 50 Hz / 3-phase AC

If powered by a genset at least 750 KVA is required

KEY SPECIFICATIONS	UV311
Operating Dimensions	
Height	7.58 m / 24' 10"
Width	4.70 m / 15' 5"
Length	11.85 m / 38' 10½"
Transport Dimensions	
Height	4.60 m / 15' 1"
Width	2.70 m / 8' 10"
Length	12.30 m / 40' 4"
Weight	33 mton / 36 ston
Performance	
Max feed size	55 mm / 2.2"
Capacity (up to)	250 mtpd
Running Gear	2" King-Pin, Leaf-spring bogie with air-brakes and running lights. Tyres 10" x 20" - 16 ply

Note. All weights and dimensions are for standard units only