

UI210 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

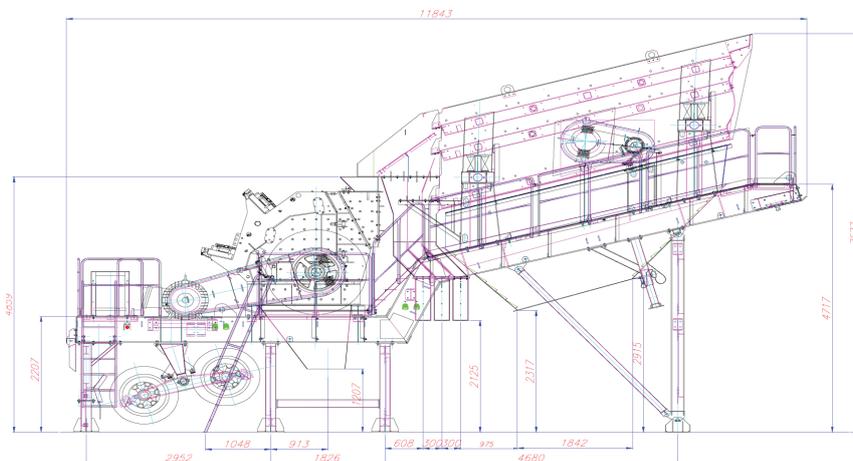
TECHNICAL SPECIFICATION

The UI210 is a secondary crushing unit fully assembled on a single trailer frame consisting of CS86 triple deck vibrating screen and CI512 HSI (horizontal shaft impactor) crusher.

The all new patented and highly modularized Sandvik CI512 crusher combines the ability to configure one base crusher into either a primary or a secondary configuration. This makes it adaptable to customers ever-changing requirements.

KEY BENEFITS

- The 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.
- The modularized wear parts can be turned for maximum life/usage. The design of the hammer ensures maximum breakage, even as the hammer wears.
- The HSI 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
- The operator's platform has handrails and access ladders from the ground.
- Safety guards are fitted to drives of the crusher and screen.
- All the feed, discharge and connection chutes are of robust construction, made of steel plate with liner
- Easy and quick transportation between job sites.
- Compact design with easy access to all equipment.
- 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.



KEY SPECIFICATIONS	UI210
Impactor	
Type	Sandvik CI512 HSI
Feed opening	980 x 434 mm / 39 x 17"
Max feed size	300 mm / 12"
Rotor diameter	1005 mm / 39.5"
Weight	11,184 kg / 24,656 lbs
Screen	
Screen type	Sandvik CS86 III circular motion
Screen size	1800 mm x 4800 mm / 5' 11" x 15' 9"
No of decks	Triple deck
Drive	Electric motor 15 kW, squirrel cage type.
Power system	
All electrics are intended for connection to a mains supply.	
Total power	200 kW
Supply voltage	415 V- 50 Hz / 3-phase AC
Control voltage	220 V-50 Hz / 3-phase AC
Running gear	2" King-Pin, Double Axle bogie with air-brakes and running lights. Tyres 10" x 20" – 16 ply.

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

KEY SPECIFICATIONS	UI210
Operating Dimensions	
Height	4.60 m / 15' 1"
Width	7.60 m / 24' 11"
Length	11.85 m / 38' 11"
Transport Dimensions	
Height	4.75 m / 15' 7"
Width	2.75 m / 9' 0"
Length	12.30 m / 40' 4"
Weight	32 ton / 35.3 ston
Performance	
Capacity (up to)	200 mtph

Note. All weights and dimensions are for standard units only