

UF320 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The Sandvik UF320 is a complete wheeled screening unit designed for maximum capacity in highly accurate screening operations. Powered by electricity it is fully mobile with hydraulically folding side conveyors and can be easily set-up and transported from site to site within a very short time.

There are three versions available:

- Comfort: feeder with tippable grizzly, by-pass chute and optional natural fine removal conveyor.
- Classic: feeder with tippable grizzly, by-pass chute, natural fines screen and optional natural fines conveyor.
- Direct: feed conveyor feeding directly onto the product screen only

KEY BENEFITS

- Sandvik UF320 is a complete screening unit and comes complete with the highly efficient Sandvik SF 1843 3-D classifying product screen.
- The Screening unit is able to produce three calibrated fractions, one oversize fraction, and one

- optional natural fine fraction.
- Remote controlled tipping static bar grizzly.
- Foldable hopper extensions on feed hopper provide a wider loading area.*
- A foldable flap on each side can be used as a back wall for a loading ramp, and as protection against oversize stones falling from the tipping grizzly.*
- Rollaway discharge chute on screen provides easy access for inspection and service.
- All conveyors are electrically driven and hydraulically foldable for transport.
- Dust encapsulated feed conveyor, screen and conveyor for the finest fraction.
- Hydraulic supporting legs at front end enable connection with semi trailer more easily.
- The whole unit can be transported in one piece.
- Maintenance platforms around the screen, to provide easy access for inspection and service.
- Onboard process with interlocking for trouble free operation.
- Frequency inverter for the feeder and conveyor of the coarsest product, to provide step less regulation of feed rate and conveyor speed.
- Optional on board genset is available.



* Not available on Direct

KEY SPECIFICATIONS	UF320
Feed station	
Nom. feed hopper	5m ³
Coarse stone grizzly	Tippable static bar grizzly. Nom sep. 100 alt 125 mm
Feeder type	SP0830, with 2 x 2.3 kW vibrator motors. Pre Screen (Classic) PJ 10/10 with 2 x 1.8kW Vibrator Motors
Product screen	
Type	SF1843
Screening area	3 x 6.5 m ²
Conveyors length / width / motor speed	
Feed con belt	10.6m / 800mm / 11kW / 1.3m/s
Rear con	9.5m / 800mm / 7.5kW / 1.25m/s
3 pro con	8m / 650mm / 4kW / 1.1m/s
Power system	
Electric motors, with on-board diesel generator set	
Main voltage	400V / 50Hz / 3-phase a.c.
Control voltage	230V / 50Hz / 1-phase a.c.

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Diesel generator set (optional)	
Diesel engine	Iveco GE 806 SI07
Generator	Meccalte Typ ECO 34-25 / 4
Rated output	105 kVA at 50 Hz
Fuel tank volume	Approx. 500dm ³
Hydraulic system	Coarse stone grizzly: hydraulic power pack, 400 V, 4 kW
Foldable conveyors, supporting legs, retractable screen: Hydraulic power pack, 24 V / 400 v	
Running gear	
Type	King-pin 3 ½" or 2". Two-axle bogie, air brakes and running lights. 4 tyres 385 / 65R / 22.5
Operating Dimensions	
Height	5.20m / 17.1'
Width	14.20m / 46.6'
Length	20.50m / 67.3'
Transport Dimensions	
Height	4.28m / 14.0'
Width	3.00m / 9.8'
Length	16.50m / 54.1'
Weight	Comfort - 31 mton / 34 ston Classic - 34 mton / 37 ston

Note. All weights and dimensions are for standard units only

OPTIONS

Belt scale for discharge conveyor
Start siren
Heating system for diesel generator
Genset 100 KVA
Ball deck beneath third deck screen SF1843
Extra hydraulic legs in rear 2 pcs
Lifting lug for chassis for shipping available (Not necessary Roll on/off ship)
Electrical heating for feeder and feed hopper (Classic and Comfort only)

Electrical heaters for conveyors
Dust filter for feed conveyor
Floodlights on illumination mast
Natural fines Conveyor 8m x 650 mm (Classic only)