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: 5 m³
- Coarse stone grizzly: Tipable static bar grizzly. Nom sep. 100 alt 125 mm
- Feeder type: SP0830, with 2 x 2.3 kW vibrator motors. Pre Screen (Classic) P10/10 with 2 x 1.8 kW Vibrator Motors

**Product screen**
- Type: SF1843
- Screening area: 3 x 6.5 m²

**Conveyors length / width / motor speed**
- Feed con belt: 10.6 m / 800 mm / 11 kW / 1.3 m/s
- Rear con: 9.5 m / 800 mm / 7.5 kW / 1.25 m/s
- 3 pro con: 8 m / 650 mm / 4 kW / 1.1 m/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.

**Diesel generator set (optional)**
- Diesel engine: Iveco GE 806 SI07
- Generator: Meccalte Typ ECO 34-25 / 4
- Rated output: 105 kW at 50 Hz
- Fuel tank volume: Approx. 500 dm³
- Hydraulic system: Coarse stone grizzly: hydraulic power pack, 400 V, 4 kW

**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: 5.20 m / 17.1’
- Width: 14.20 m / 46.6’
- Length: 20.50 m / 67.3’

**Transport Dimensions**
- Height: 4.28 m / 14.0’
- Width: 3.00 m / 9.8’
- Length: 16.50 m / 54.1’
- Weight: Comfort - 31 mton / 34 ston
  - Classic - 34 mton / 37 ston

**Note.** All weights and dimensions are for standard units only

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### 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 8 m x 650 mm (Classic only)