

# SANDVIK UF320E WHEELED SCREENING UNIT

## TECHNICAL SPECIFICATION

The UF320E 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 two versions available to optimize the quality and capacity in different applications.

### KEY BENEFITS

<b>Reliability</b>	<ul style="list-style-type: none"> <li>- Built for hard and abrasive rock</li> <li>- Wear lined impact zones</li> <li>- All onboard components are electrically driven giving reliability and minimal maintenance</li> <li>- Premium quality components for durability</li> </ul>
<b>Productivity</b>	<ul style="list-style-type: none"> <li>- Frequency inverter for feeder speed control in order to provide step less regulation of the feed rate</li> <li>- Foldable hopper extensions provide wider loading area enabling high throughput</li> <li>- A number of sensors at different key locations to ensure a trouble free operation and prevent costly breakdowns</li> <li>- All conveyors are electrically driven and hydraulically foldable for transport</li> <li>- Quick to set-up and easy to transport as one unit, resulting in more uptime and higher productivity</li> <li>- The unit can work as stand alone or interlocked in a "process train" with other crushing units</li> </ul>
<b>Cost of ownership</b>	<ul style="list-style-type: none"> <li>- Low cost per tonne due to electric final drives and electrical supply connection or genset (not provided)</li> <li>- Quick return on investment and high resale value</li> </ul>
<b>Safety</b>	<ul style="list-style-type: none"> <li>- User-friendly control system from one location</li> <li>- Rollaway discharge chute on screen provides easy access for service and maintenance</li> <li>- Wheel suspension and air brakes complete with lights for safe road transport</li> </ul>
<b>Sustainability</b>	<ul style="list-style-type: none"> <li>- Lower environmental impact due to electric plug in, less operating noise and no emissions</li> <li>- Rubber lined impact zones reduce operating noise and need for maintenance</li> <li>- Quality components ensure longer lifetime and support optimized service and maintenance</li> </ul>





KEY SPECIFICATIONS	UF320 Classic
<b>Feed station</b>	
Type	Sandvik SP0830
Width	800 mm / 31' 5"
Length	3000 mm / 10'
Capacity	7 m <sup>3</sup> / 9.19 yds <sup>3</sup>
<b>Pre screen</b>	
Type	PJ1010
Drive	2 x 1.8 kW Vibrator motors
Width	1020 mm / 40"
Length	1000 mm / 39' 4"
<b>Screen</b>	
Type	Sandvik SF1843
No. of decks	3 deck
Screening area	6.5 m <sup>2</sup> / 69.9 ft <sup>2</sup>
<b>Conveyors</b>	
Feed conveyor	800 mm x 10.6 m / 32" x 34' 7"
Rear conveyor	800 mm x 9.5 m / 32" x 31' 1"
Product conveyors x 3	650 mm x 8.0 m / 25.6" x 26' 8"
<b>Power pack</b>	
Required external Genset	
Required power	100 kVA
Main voltage	400 V / 50 Hz / 3-phase a.c.
Control voltage	230 V / 50 Hz / 1-phase a.c.
<b>Hydraulic driven components</b>	
Foldable conveyors, supporting legs, retractable screen	
<b>Running gear</b>	
Type	King-pin 3 1/2" or 2" Two-axle leaf-sprung bogie with 8 wheels in total, air brakes and running lights
<b>Transport dimensions</b>	
Height	4.3 m / 14'
Width	3.0 m / 9' 8"
Length	16.7 m / 55'
Weight	46,300 kg / 102,100 lbs
<b>Operating dimensions</b>	
Height	5.3 m / 17' 4"
Width	13.8 m / 45' 3"
Length	20.6 m / 67' 5"
Weight	33,000 kg / 72,700 lbs

KEY SPECIFICATIONS	UF320 Direct
<b>Feed station</b>	
Type	-
Width	-
Length	-
Capacity	-
<b>Pre screen</b>	
Type	-
Decks	-
Width	-
Length	-
<b>Screen</b>	
Type	Sandvik SF1843
No. of decks	3 deck
Screening area	6.5 m <sup>2</sup> / 69.9 ft <sup>2</sup>
<b>Conveyors</b>	
Feed conveyor	800 mm x 10.6 m / 32" x 34' 7"
Rear conveyor	800 mm x 9.5 m / 32" x 31' 1"
Product conveyors x 3	650 mm x 8.0 m / 25.6" x 26' 8"
<b>Power pack</b>	
Required external Genset	
Required power	80 kVA
Main voltage	400 V / 50 Hz / 3-phase a.c.
Control voltage	230 V / 50 Hz / 1-phase a.c.
<b>Hydraulic driven components</b>	
Foldable conveyors, supporting legs, retractable screen	
<b>Running gear</b>	
Type	King-pin 3 1/2" or 2" Two-axle leaf-sprung bogie with 8 wheels in total, air brakes and running lights
<b>Transport dimensions</b>	
Height	4.3 m / 14'
Width	3.0 m / 9' 8"
Length	16.3 m / 53' 5"
Weight	26,500 kg / 58,422 lbs
<b>Operating dimensions</b>	
Height	5.3 m / 17' 4"
Width	13.8 m / 45' 3"
Length	20.2 m / 66' 5"
Weight	26,500 kg / 58,422 lbs

Note. All weights and dimensions are for standard units only

## STANDARD SPECIFICATION

Hydraulic radio remote controlled tipping grid  
Maintenance platforms for service and maintenance  
Two-axle bogie with 8 wheels tyres  
Complete with lights for road transport  
Natural fines conveyor  
Two extra rear hydraulic legs  
Warning beacons, twin LED light masts and various LED work lamps  
Standard main voltage 400V AC 50Hz

Control voltage is 230V AC and 24V DC  
Onboard interlocking system  
Rollaway discharge chute on screen  
4x hydraulic foldable heavy duty product conveyors onboard  
King-pin 3 1/2" or 2"  
Air-brakes  
Foldable back wall on each side for loading ramp

For option availability please speak with your local Sandvik representative

\* Application specific. Please contact a Sandvik representative for clarification on specifications and options  
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