



# Sandvik UF473

## Wheeled screening unit

The UF473 is a screening unit with a triple shaft horizontal screen, conveyors and control panel fully assembled on a heavy-duty tandem axle trailer frame. This model has been designed to offer high-end productivity processing at a low cost-per-ton.



### Key benefits

#### Reliability

- A high quality, rugged screen with heavy duty bracing and frame members giving you a reliable and productive unit
- All onboard components are electrically driven giving reliability and minimal maintenance
- Heavy duty chassis beams, strength analysis on structural parts and quality components for durability
- Capable of operating in the most hostile environments

#### Productivity

- Three deck 8' x 20' screen with a high G force and elliptical throw result in increased capacity
- Fitted with a triple shaft the screen provides a large screening area to efficiently separate the material
- Combined with well-designed conveyors and chute works we have a highly productive unit
- Hydraulic roll-away style discharge chute
- Blending gates at 25% increments provided on top two decks
- Hydraulic folding walkways for quick set up

#### Cost of ownership

- Quick to set-up and easy to maintain, resulting in more uptime and higher productivity
- Low cost-per-ton due to electric operation

#### Safety

- Safety line for fall protection over the screen box during maintenance
- Removable electrical control panel to be located on the ground during operation
- Safety guards and multiple emergency stop buttons for safe operation
- Maintenance walkways provide excellent access for service and maintenance.
- Step walkway over screen motor
- Access ladder with self-closing gate

#### Sustainability

- Low emissions due to electrical operation, reducing CO<sub>2</sub> emissions
- Quality components ensure long lifetime and minimizes need for service and maintenance

#### Support

- Extensive USA distributor, sales and service network

## Technical specification

Key specifications	UF473
<b>Screen</b>	
Type	Triple shaft horizontal
Decks	Three
Size	20' x 8' / 6,096 mm x 2,438 mm
Drive	Electric motor 60 hp / 45kW
<b>Reversible cross conveyor</b>	2 nos
Belt width	30" / 762 mm
Drive	7.5 hp / 1800 rpm
<b>Fines conveyor</b>	
Belt width	60" / 1,220 mm
Drive	15 hp / 1800 rpm

Key specifications	UF473
<b>Power system</b>	
All electrics are intended for connection to a mains supply	
Total power	90 hp / 67 kW
Supply voltage	460 V-60 Hz / 3 phase a.c.
Control voltage	110V-60 / 3 phase a.c.
<b>Running gear</b>	
Type	2" king-pin, double axle suspension with air-brakes lights and mud laps Tyres 11' x 22.5'
<b>Transport dimensions</b>	
Length	46' 1" / 14.06 m
Width	11' 10" / 3.60 m
Height	14' 5" / 4.39 m
Standard weight	67,500 lbs / 30,617 kg
<b>Operating dimensions</b>	
Length	46' 1" / 12.23 m
Width	14' / 4.29 m
Height	15' 11" / 4.86 m
<b>Performance</b>	
Max feed size	8" / 200 mm *
Capacity (up to)	885 stph / 800 mtph

Note. All weights and dimensions are for standard units only

## Standard specification

- All conveyors fitted with mining duty reducers, bearings and CEMA idlers
- Sliding cross conveyors with 14" movement each way
- Roll away chute fabricated from AR 400 plate steel Hydraulic roll away chute
- Chutes are made of AR 400 plate steel reinforced with structural angle
- UL certified removable electrical switchgear
- Four hydraulic levelling legs with gas hydraulic power unit
- Six E-stop buttons and pull cords stops on conveyors (six stops in total, five on plant and one on panel, pull cords not included)
- Transport mount for screen motor

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