



# SANDVIK US373 WHEELED SCREENING UNIT

## TECHNICAL SPECIFICATION

The US373 is an open circuit crushing unit fully assembled on a single triple axle trailer frame. Featuring the highly reliable and powerful CS430 cone crusher with different feed and discharge conveyors variants, the unit comes with a control panel for smooth and easy operation of the unit. This model has been designed to offer high-end productivity processing at a low cost-per-ton.

### KEY BENEFITS

<b>Reliability</b>	<ul style="list-style-type: none"> <li>- Market leading Sandvik CS430 cone for strength and high performance</li> <li>- All onboard components are electrically driven giving reliability and minimal maintenance</li> <li>- Heavy duty chassis beams, strength analysis on structural parts and quality components for durability</li> <li>- Capable of operating in the most hostile environments</li> </ul>
<b>Productivity</b>	<ul style="list-style-type: none"> <li>- Largest feed opening in its class for increased intake ability and reduced bridging</li> <li>- Hydraulic cone hydroset setting (CSS) and overload protection for maximum uptime</li> <li>- Cone Crusher Unibody mainframe ensures optimal strength and less maintenance</li> <li>- ASRITM automatically adapts crusher to feed conditions and enables real-time performance management</li> <li>- Constant Liner Performance (CLP) crushing chambers permits constant feed acceptance capability, increased output, high quality products and increased liner life</li> <li>- Choice of several chambers, throws and settings for a wide range of applications, enabling fine tuning to your specification and improved capacity</li> <li>- Simple and efficient operation with soft starting crusher for trouble free operation</li> <li>- Metal detector on crusher feed conveyor</li> </ul>
<b>Cost of ownership</b>	<ul style="list-style-type: none"> <li>- Quick to set-up and easy to maintain, resulting in more uptime and higher productivity</li> <li>- Low cost per ton due to electric operation and Sandvik chamber design</li> </ul>
<b>Safety</b>	<ul style="list-style-type: none"> <li>- Removable electrical control panel to be located on the ground during operation</li> <li>- Crusher mounted safety guards and multiple emergency stop buttons for safe operation</li> <li>- Maintenance platforms with handrails and access ladders provide excellent access for service and maintenance</li> </ul>
<b>Sustainability</b>	<ul style="list-style-type: none"> <li>- Low emissions due to electrical operation, minimizing environmental impact</li> <li>- Quality components ensure longer lifetime and supports optimized service and maintenance</li> </ul>
<b>Support</b>	<ul style="list-style-type: none"> <li>- Extensive USA distributor, sales and service network</li> </ul>





KEY SPECIFICATIONS	US373
<b>Crusher</b>	
Type	Sandvik CS430 cone
Adj type	Hydraulic
CSS range	0.95" - 2.13" / 24 - 54 mm *
Control system	ASRI - Standard
Drive	Electric motor 180 hp / 132 kW
<b>Crusher feed conveyor</b>	
Belt width	36" / 915 mm
Drive	20 hp / 1800 rpm
<b>Crusher discharge conveyor</b>	
Belt width	42" / 1,067 mm
Drive	20 hp / 1800 rpm

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<b>Power system</b>	
All electrics are intended for connection to a mains supply	
Total power	220 hp / 165 kW
Supply voltage	460 V-60 Hz / 3 phase AC
Control voltage	110 V-60 / 3 phase AC
<b>Running gear</b>	
2" king-pin, triple axle suspension with air-brakes lights and mud flaps.	
Tyres 11' x 22.5'	
<b>Transport dimensions</b>	
Length	64' 4 5/16" / 19.62 m
Width	11' 11 1/8" / 3.64 m
Height	14' 5 11/16" / 4.41 m
Standard weight	91,500 lbs / 41,503 kg
<b>Operating dimensions</b>	
Length	62' 8 23/64" / 19.16 m
Width	20' 3 5/64" / 6.11 m
Height	17' 3 9/16" / 5.27 m
<b>Performance</b>	
Max feed size	14" / 360 mm
Capacity (up to)	385 stph / 300 mtpth

Note. All weights and dimensions are for standard units only

## STANDARD SPECIFICATION

All conveyors fitted with mining duty reducers, bearings and CEMA idlers  
 Remote grease lines for conveyors (Ground level access to grease points on both conveyors)  
 Overflow discharge chute on cone ring  
 UL certified removable electrical switchgear  
 Soft starter for cone crusher  
 Six hydraulic levelling legs with gas hydraulic power unit  
 (1) Hydraulic conveyor raise / lower (Feed conveyor)  
 (1) Hydraulic conveyor pivot (Feed conveyor)  
 (9) E-stop buttons in the unit (8 on plant and 1 on control panel)  
 Number of conveyor feeding and discharge options  
 Rear feed rear discharge  
 Left or right side mounting of feed conveyor  
 Feed conveyor hydraulically raised/lowered during transport  
 Feed conveyor pivot frame – slide in slide out done hydraulically  
 Rear discharge

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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