



Sandvik UK373

Wheeled cone crusher

The UK373 is a complete closed-circuit crushing unit fully assembled on a single quad axle trailer frame. Featuring the highly reliable and powerful CH440 cone crusher and a world-renowned triple shaft, three deck, 6' x 20' horizontal screen. This model has been designed to offer high-end productivity processing 2-3 products at a low cost-per-ton.



Key benefits

Reliability

- Market leading Sandvik CH440 cone for strength and high performance
- 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

- Largest feed opening in its class for increased intake ability and reduced bridging
- Hydraulic cone hydroset setting (CSS) and overload protection for maximum uptime
- Cone crusher unibody mainframe ensures optimal strength and less maintenance
- ASRi automatically adapts crusher to feed conditions and enables real-time performance management
- Constant Liner Performance (CLP) crushing chambers permits constant feed acceptance capability, increased output, high quality products and increased liner life.
- Choice of several chambers, throws and settings for a wide range of applications, enabling fine tuning to your specification and improved capacity
- Heavy duty horizontal screen
- Simple and efficient operation with soft starting crusher for trouble free operation
- Overhead suspended permanent magnet on feed conveyor

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 and Sandvik chamber design

Safety

- Removable electrical control panel to be located on the ground during operation
- Crusher mounted safety guards and multiple emergency stop buttons for safe operation
- Maintenance platforms with handrails and access ladders provide excellent access for service and maintenance

Sustainability

- Low emissions due to electrical operation, minimizing environmental impact
- Constant Liner Performance (CLP) for extended life and performance of chamber liners
- Quality components ensures long lifetime and minimizes need for service and maintenance

Support

- Extensive USA distributor, sales and service network
- Manufactured in America

Technical specification

Key specifications	UK373
Screen	
Type	Triple shaft horizontal
Decks	3 deck
Size	20' x 6' / 6,096 mm x 1,829 m
Drive	Electric motor / 50 hp
Crusher	
Type	SANDVIK CH440 cone
Adj type	Hydraulic
CSS range	5/16" - 1 7/8" / 8 - 48 mm *
Control System	ASRI - Standard
Drive	Electric motor 300 hp
Feed conveyor	
Belt width	36" / 915 mm
Drive	20 hp / 1800 rpm
Over-screen feed conveyor	
Belt width	36" / 915 mm
Drive	10 hp / 1800 rpm
Crusher discharge conveyor	
Belt width	42" / 1,067 mm
Drive	15 hp / 1800 rpm
Reversible cross conveyor	
Belt width	24" / 610 mm
Drive	5 hp / 1800 rpm
Fines conveyor	
Belt width	48" / 1,220 mm
Drive	15 hp / 1800 rpm
Re-circulation cross conveyor	
Belt width	36" / 915 mm
Drive	7.5 hp

Key specifications	UK373
Power system	
All electrics are intended for connection to a mains supply	
Total power	427.5 hp
Supply voltage	460 V-60 Hz /3 phase a.c.
Control voltage	110 V-60 / 3 phase a.c.
Running gear	
Type	2" king-pin, quad axle suspension with air-brakes lights and mud flaps. Tyres 11' x 22.5'
Transport dimensions	
Length	67' 2" / 20.42 m
Width	12' 6" / 3.81 m
Height	14' 5" / 4.40 m
Standard weight	139,500 lbs / 63,276 kg
Operating dimensions	
Length	67' 2" / 20.42 m
Width	16' 9" / 5.11 m
Height	18' 4" / 5.59 m
Performance	
Max feed size	8.5" / 215 mm
Capacity (up to)	527 stph / 475 mtpd
Note. All weights and dimensions are for standard units only	

Standard specification

- All conveyors fitted with mining duty reducers, bearings and CEMA idlers
- Cross conveyors slide out 26" each way
- Motorized head pulleys on cross conveyors
- Folding feed conveyor for cone crusher access
- Remote grease lines for conveyors
- Cone overflow discharge chute
- UL certified removable electrical switchgear
- Soft starter for cone crusher
- Six hydraulic leveling legs with gas hydraulic power unit
- Six E-stop buttons and pull cords stops on each conveyor
- All the feed, discharge and connection chutes are made of A-36 plate steel and AR 400 bolt-in liners
- Screen underflow chute are made of AR 400 plate steel reinforced with structural angle

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