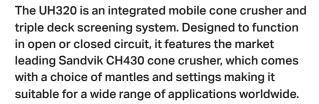


UH320 WHEELED UNIT PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION



The UH320 is available in 3 types:

- Comfort: Feeder with tippable grizzly, by-pass chute and optional natural fines conveyor.
- Classic: Feeder with tippable grizzly, by-pass chute, natural fines screen and optional natural fines conveyor.
- Flex: with tippable grizzly, by-pass chute, natural fines screen and optional natural fines conveyor. Beneath the feeder and the screen the chute possesses three flaps that enable it to divide the feed material so that 33%, 66% or 100% grading can either be transported to the crusher or to the screen by separate conveyors. This makes it possible to optimise the quality, and capacity with different raw materials. Open or closed circuit operation.

KEY BENEFITS

- Radio remote controlled tipping grid
- The Screen is a Sandvik SF1843 which can produce three calibrated fractions plus one oversize and one optional natural fine separation.
- Foldable hopper extensions on feed hopper provide wider loading area.
- Includes level monitor system that regulates feeder for optimal crushing performance including ASRi.
- Onboard process with interlocking for trouble free operation.
- 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 service and maintenance.
- All conveyors are electrically driven and hydraulically foldable for transport. Return conveyor excluded.
- Dust encapsulated crusher, main conveyor and product screen for the finest fraction.
- Transport in one piece everything stays onboard.
- Maintenance platforms (with stepladders) around the screen, to provide easy access for service.



| KEY SPECIFICATIONS | UH320 Classic Cone | UH320 Comfort cone | UH320 Flex cone |
|---|--|--|--|
| Operating Dimensions | | | |
| Height Width Length | 5.20 m / 17.1' 16.0 m / 52.5' 22.00 m / 72.2' | 5.20 m / 17.1' 16.0 m / 52.5' 22.00 m / 72.2' | 5.20 m / 17.1' 16.0 m / 52.5' 22.00 m / 72.2' |
| Transport dimensions | | | |
| Height Width Length Weight | 4.46 m / 14.6' 3.0 m / 9.8' 17.70 m / 58.1' 47.5 mton / 52.2 ston | 4.46 m / 14.6' 3.0 m / 9.8' 17.70 m / 58.1' 47.0 mton / 51.7 ston | 4.46 m / 14.6′ 3.0 m / 9.8′ 17.70 m / 58.1′ 48.5 mton / 53.5 ston |
| Feed station | | | |
| SP 0830 NF-Screen PJ 10/10 | 2 x 2,3 kW electric motor 5 m³ 2 x 1,8 kW vibrator motors | 2 x 2,3 kW electric motor 5 m³ | 2 x 2,3 kW electric motor 5 m³ 2 x 1,8 kW vibrator motors |
| Crusher | | | |
| Type Feed opening Drive | Sandvik CH430 130 mm (C) 132 kW electric motor | Sandvik CH430 130 mm (C) 132 kW electric motor | Sandvik CH430 130 mm (C) 132 kW electric motor |
| Conveyors length / width / motor speed | | | |
| Rear con 3 pro con NF-conv. (optional) Feed conv. | 10.6 m / 800 mm / 1.3 m/s (to the screen) 9.5 m / 800 mm / 1.25 m/s 8 m / 650 mm / 1.1 m/s 8 m / 500 mm 9 m / 650 mm (external to crusher) | 10.6 m / 800 mm / 1.3 m/s (to screen) 9.5 m / 800 mm / 1.25 m/s 8 m / 650 mm / 1.1 m/s - 9 m / 650 mm (external to crusher) | 10.6 m / 800 mm / 1.3 m/s (to the screen) 9.5 m / 800 mm / 1.25 m/s 8 m / 650 mm / 1.1 m/s 8 m / 500 mm 9 m / 650 mm (external to crusher) |
| By-pass conv. | - | - | 4,7 m / 800 mm |
| Screen Product screen Motor Hydraulic system | SF1843 2 x 11 kW electric motors Coarse stone grizzly: Hydraulic power pack, 400 V, 4 kW Foldable conveyors, supporting legs, retractable screen: Hydraulic power pack, 24 V / 400 V | SF1843 2 x 11 kW electric motors Coarse stone grizzly: Hydraulic power pack, 400 V, 4 kW Foldable conveyors, supporting legs, retractable screen: Hydraulic power pack, 24 V / 400 V | SF1843 2 x 11 kW electric motors Coarse stone grizzly: Hydraulic power pack, 400 V, 4 kW Foldable conveyors, supporting legs, retractable screen: Hydraulic power pack, 24 V / 400 V |
| Required power | | | |
| Generator Running gear | 325 kVA 400 V Type: King-pin 3.5" or 2". Leaf-spr 6 tyres 385 / 65R / 22.5 | 325 kVA 400 V ung three-axle bogie, air brakes al | 325 kVA 400 V nd running lights. |

Note. All weights and dimensions are for standard units only

OPTIONS

Belt scale for discharge conveyor
Start siren
Overband magnet for feed conveyor
Synthetic oil for CH430
Diesel heater for crusher oil
Ball deck beneath third deck in the SF1843 screen
King pin according to Norwegian standard
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
Electrical heaters for conveyors
Dust filter for feed conveyor
Floodlights on illumination mast
Natural fines conveyor 8 m x 650 mm

