DATASHEET

# Compaction, Paving & Milling

Rollers, pavers, millers, stabilizers




| 2000 | 12 | 100+ | ISO 9001 |
|---|---|---|---|
| MANUFACTURER SINCE | MODELS IN THIS FAMILY | EXPORT MARKETS | QUALITY SYSTEM |

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## Overview

Density and smoothness are the two numbers a client measures at handover. This family supplies the machines that produce them: full-hydraulic rollers with dual-frequency drums, tyre rollers for sealing the surface, crawler pavers with heated screeds, and millers for the removal side of rehabilitation.

Common components — Sauer Danfoss hydraulics, Cummins and Deutz power, imported bearings and vibratory units — are used across the range, so a fleet operator carries one spares strategy and one training programme across every machine on site.

## Model overview

| MODEL DESIGNATION | TYPE / MODEL NUMBER |
|---|---|
| Full-Hydraulic Single Drum Roller | configured per project |
| Single Drum Roller (Double Drive) | configured per project |
| Single Drum Vibratory Roller Range | configured per project |
| KD03 Double Drum Vibratory Roller | KD03 |
| Double Drum Vibratory Roller | configured per project |
| KP266 Pneumatic Tyre Roller | KP266 |
| KP306 Pneumatic Tyre Roller | KP306 |
| KC Series Landfill Compactor | KC230 / KC260 / KC300 |
| Crawler Asphalt Paver | SUM820 / SUM820YE |
| Cold Milling Machine | CM2000 / CM1001 / CM1001J |
| WBZ21 Soil Stabilizer | WBZ21 |
| WB400 Soil Stabilizer | WB400 |

## Full-Hydraulic Single Drum Roller

Full-hydraulic single drum roller with dual-frequency vibration for base and sub-base compaction.

| KEY DATA | VALUE |
|---|---|
| Operating mass (kg) | 12000 |
| Drum width (mm) | 2130 |
| Engine model | DEUTZ |
| Rated power (kW) | 92 |
| Fuel tank capacity (L) | 230 |

### Model comparison — Item / KS122D / KS202D / KS202DS

| PARAMETER | MODELS |
|---|---|
| Operating mass (kg) | 12000 · 20200 · 20200 |
| Static linear load (N/cm) | 322 · 632 · 539 |

| | |
|---|---|
| Vibration amplitude (mm) | 1.85/0.83 · 1.95/0.91 · 1.95/0.91 |
| Vibration frequency (Hz) | 30/34 · 28/34 · 28/32 |
| Centrifugal force (kN) | 280/162 · 395/272 · 395/272 |
| Speed range (km/h) | 0-10 · 0-10 · 0-10 |
| Gradeability (%) | 45 · 45 · 40 |
| Turning radius (mm) | 6000 · 6000 · 6250 |
| Drum width (mm) | 2130 · 2110 · 2110 |
| Drum diameter (mm) | 1533 · 1550 · 1550 |
| Minimum ground clearance (mm) | 486 · 486 · 486 |
| Engine model | DEUTZ · DEUTZ · DEUTZ |
| Rated power (kW) | 92 · 129 · 129 |
| Fuel tank capacity (L) | 230 · 280 · 280 |
| Steering angle | ±35° · ±35° · ±35° |
| Swing angle | ±12° · ±12° · ±12° |
| Overall dimension (L×W×H) (mm) | 6150×2310×3200 · 6370×239×3200 · 6370×231×3200 |

### Features

• As full hydraulic double drive road rollers, our single drum vibratory rollers come in models of KS122D, KS202D, KS202DS and KS262D for you to select

• These engineering vehicles look more appealing because they are designed with a streamlined appearance and an upturning engine hood

• The single drum vibratory roller features high automation and manoeuvrability due to the full hydraulic transmission and full electrical-hydraulic control systems

• SAUER driving and vibration systems ensure high stability and reliability of the road compactor

• Our single drum vibratory roller uses hydraulic motors to drive its running and is easy to operate since it is equipped with mono-lever control and CTV systems

• Double-frequency double-amplitude vibration guarantees the road construction machine can achieve excellent compaction effects

## Single Drum Roller (Double Drive)

Double-drive single drum roller for traction on steep fills and loose granular layers.

| KEY DATA | VALUE |
|---|---|
| Operating mass | 14500 kg |
| Drum width | 2130 mm |
| Engine model | DEUTZ - |
| Rated power | 105 kW |
| Fuel tank capacity | 230 L |

### Specifications

| SPECIFICATION | VALUE |
|---|---|

| | |
|---|---|
| Operating mass | 14500 kg |
| Static linear load | 437 N/cm |
| Vibration amplitude | 1.85/0.85 mm |
| Vibration frequency | 30/34 Hz |
| Centrifugal force | 315/190 kN |
| Speed range | 0-10 km/h |
| Gradeability | 45 % |
| Turning radius | 6000 mm |
| Drum width | 2130 mm |
| Drum diameter | 1533 mm |
| Minimum ground clearance | 486 mm |
| Engine model | DEUTZ - |
| Rated power | 105 kW |
| Fuel tank capacity | 230 L |
| Steering angle | ±35° - |
| Swing angle | ±12° - |
| Overall dimension (L×W×H) | 6150×2310×3200 mm |

### Features

• The KS142D single drum vibratory roller is a full hydraulic road roller with streamlined styling and a upturning engine hood

• It has stable performance by using SAUER driving and vibration systems

• The vibratory bearings we use in the single drum vibratory rollers are high quality imported products and the electric plug connectors are resistant to moisture, salt spray and fungus

• Full hydraulic transmission, full electrical-hydraulic control as well as full hydraulic articulated steering endow the double drive road roller with high automation and manoeuvrability

• Our single drum vibratory roller whose running is driven by hydraulic motors is equipped with CTV system and can be operated through only one lever

• Double-frequency double-amplitude vibration enables this road compactor to achieve good compaction effects

## Single Drum Vibratory Roller Range

Five single-drum models from 18 to 26 t with a common hydraulic and spares architecture.

| KEY DATA | VALUE |
|---|---|
| Operating mass | 12000 kg |
| Drum width | 2130 mm |
| Engine model | DEUTZ - |
| Rated power | 92 kW |
| Fuel tank capacity | 230 L |

### Specifications

| SPECIFICATION | VALUE |
|---|---|

| | |
|---|---|
| Operating mass | 12000 kg |
| Static linear load | 310 N/cm |
| Vibration amplitude | 1.85/0.83 mm |
| Vibration frequency | 30/34 Hz |
| Centrifugal force | 280/162 kN |
| Speed range | 0-10 km/h |
| Gradeability | 38 % |
| Turning radius | 6000 mm |
| Drum width | 2130 mm |
| Drum diameter | 1533 mm |
| Minimum ground clearance | 486 mm |
| Engine model | DEUTZ - |
| Rated power | 92 kW |
| Fuel tank capacity | 230 L |
| Steering angle | ±35° - |
| Swing angle | ±12° - |
| Overall dimension (L×W×H) | 6150×2310×3200 mm |

## Specifications

| SPECIFICATION | VALUE |
|---|---|
| Operating mass | 18000 kg |
| Static linear load | 418 N/cm |
| Vibration amplitude | 1.9/0.9 mm |
| Vibration frequency | 28/34 Hz |
| Centrifugal force | 350/245 kN |
| Speed range | 0-9 km/h |
| Gradeability | 40 % |
| Turning radius | 6000 mm |
| Drum width | 2110 mm |
| Drum diameter | 1550 mm |
| Minimum ground clearance | 486 mm |
| Engine model | DEUTZ - |
| Rated power | 125 kW |
| Fuel tank capacity | 280 L |
| Steering angle | ±35° - |
| Swing angle | ±12° - |
| Overall dimension (L×W×H) | 6370×2310×3200 mm |

## Specifications

| SPECIFICATION | VALUE |
|---|---|
| Operating mass | 20000 kg |
| Static linear load | 456 N/cm |

| | |
|---|---|
| Vibration amplitude | 1.98/0.99 mm |
| Vibration frequency | 28/32 Hz |
| Centrifugal force | 365/255 kN |
| Speed range | 0-9 km/h |
| Gradeability | 30 % |
| Turning radius | 6500 mm |
| Drum width | 2150 mm |
| Drum diameter | 1550 mm |
| Minimum ground clearance | 486 mm |
| Engine model | SDEC - |
| Rated power | 140 kW |
| Fuel tank capacity | 280 L |
| Steering angle | ±35° - |
| Swing angle | ±12° - |
| Overall dimension (L×W×H) | 6300×2330×3050 mm |

## Specifications

| SPECIFICATION | VALUE |
|---|---|
| Operating mass | 22000 kg |
| Static linear load | 501 N/cm |
| Vibration amplitude | 1.98/0.99 mm |
| Vibration frequency | 28/32 Hz |
| Centrifugal force | 395/265 kN |
| Speed range | 0-9 km/h |
| Gradeability | 35 % |
| Turning radius | 6500 mm |
| Drum width | 2150 mm |
| Drum diameter | 1550 mm |
| Minimum ground clearance | 486 mm |
| Engine model | SDEC - |
| Rated power | 140 kW |
| Fuel tank capacity | 280 L |
| Steering angle | ±32° - |
| Swing angle | ±12° - |
| Overall dimension (L×W×H) | 6300×2330×3050 mm |

## Specifications

| SPECIFICATION | VALUE |
|---|---|
| Operating mass | 25000 kg |
| Static linear load | 570 N/cm |
| Vibration amplitude | 1.98/0.99 mm |
| Vibration frequency | 28/32 Hz |

| | |
|---|---|
| Centrifugal force | 405/275 kN |
| Speed range | 0-8.5 km/h |
| Gradeability | 35 % |
| Turning radius | 7000 mm |
| Drum width | 2150 mm |
| Drum diameter | 1550 mm |
| Minimum ground clearance | 486 mm |
| Engine model | SDEC - |
| Rated power | 147 kW |
| Fuel tank capacity | 300 L |
| Steering angle | ±32° - |
| Swing angle | ±12° - |
| Overall dimension (L×W×H) | 6400×2390×3100 mm |

### Features

• The single drum vibratory rollers we produce are full hydraulic single drive road rollers adopting SAUER driving and vibration systems to guarantee reliable performance

• Full hydraulic transmission and electrical-hydraulic control enhance the automation of this heavy vehicle

• Thanks to the mono-lever control system and CVT adjustment system, our single drum vibratory roller is easy to operate

• The single drum road roller is designed with a full hydraulic articulated steering system and a maintenance-free battery cell

• Double-frequency and double-amplitude vibration make for excellent compaction effects

• The braking system of this single drum vibratory roller has an automatic power shutting off device to ensure the equipment's safety and reliability

## KD03 Double Drum Vibratory Roller · KD03

Compact tandem roller for municipal paving, footpaths and repair work.

| KEY DATA | VALUE |
|---|---|
| Operating mass | 3000 kg |
| Drum width | 1040 mm |
| Engine model | ZN385Q - |
| Rated power | 21 kW |

### Specifications

| SPECIFICATION | VALUE |
|---|---|
| Operating mass | 3000 kg |
| Static linear load | 120/170 N/cm |
| Vibration amplitude | 0.55 mm |
| Vibration frequency | 50 Hz |

| | |
|---|---|
| Centrifugal force | 30 kN |
| Speed range | 0-8.5 km/h |
| Gradeability | 30 % |
| Turning radius (inside/outside) | 3065/4400 mm |
| Drum width | 1040 mm |
| Drum diameter | 750 mm |
| Engine model | ZN385Q - |
| Rated power | 21 kW |
| Overall dimension (L×W×H) | 2900×1240×2600 mm |

### Features

• As a full hydraulic road roller, our KD03 double drum vibratory roller is of high performance and high working stability

• Hydraulic vibration with large centrifugal force makes for high-density compaction and the partition design of the steering wheel results in better compaction effects

• Fully hydraulic drive and electro-hydraulic control devices make our double drum vibratory roller easy to operate

• The traveling speed of this vibratory road roller can be adjusted through its continuously variable transmission system

• Articulated steering system gives high steering flexibility to the road construction machine

## Double Drum Vibratory Roller

Full-hydraulic tandem roller with dual-frequency drums and offset articulation.

| KEY DATA | VALUE |
|---|---|
| Operating mass | kg |
| Drum width | mm |
| Engine model | - |
| Rated power | kW |
| Fuel tank capacity | L |

### Model comparison — Model / Unit / KD126 / KD126F

| PARAMETER | MODELS |
|---|---|
| Operating mass | kg · 12000 · 12000 |
| Static linear load | N/cm · 276/276 · 276/276 |
| Vibration amplitude | mm · 0.35/0.8 · 0.35/0.8 |
| Vibration frequency | Hz · 42/50 · 42/50 |
| Centrifugal force | kN · 90×2/145×2 · 90×2/145×2 |
| Max. traveling speed | km/h · 12 · 12 |
| Gradeability | % · 30 · 30 |
| Turning radius | mm · 6000 · 6000 |
| Drum width | mm · 2130 · 2130 |

| | |
|---|---|
| Drum diameter | mm · 1250 · 1250 |
| Max. steering angle | - · ±40° · ±40° |
| Min. ground clearance | mm · 440 · 440 |
| Engine model | - · Cummins · Cummins |
| Rated power | kW · 97 · 97 |
| Crab traveling distance | mm · ±150 · ±150 |
| Crab traveling angle | - · ±20° · ±20° |
| Max. swing angle | - · ±12° · ±12° |
| Fuel tank capacity | L · 200 · 200 |
| Water tank capacity | L · 500×2 · 500×2 |
| Overall dimension (L×W×H) | mm · 4920×2300×3200 · 4920×2300×3200 |

### Features

• This series double drum vibratory rollers are full hydraulic road rollers employing high performance SAUER hydraulic driving system and vibration system

• Both drums of the road compacting equipment are driven to work by hydraulic motor and the CVT system makes the entire double drum vibratory roller easy to control

• Components we use in the road compactors such as FAG vibratory bearings, EATON hose connectors, Delphi battery and moisture-proof electric plug connectors and are of reliable quality

• The advanced double-frequency double-amplitude vibration device of our double drum vibratory roller uses imported plunger pumps and motors

• Thanks to the articulated steering system and the unique crab traveling mechanism, this heavy engineering machinery is able to move flexibly

• The built-in wet multi-disk brake and unpowered fuel-cut braking system guarantee the road construction vehicle works safely

## KP266 Pneumatic Tyre Roller · KP266

26 t tyre roller with adjustable ballast for sealing asphalt surfaces.

| KEY DATA | VALUE |
|---|---|
| Operating mass (Min. / Max.) | 26000 kg |
| Compaction width | 2750 mm |
| Engine model | DEUTZ - |
| Rated power | 129 kW |

### Specifications

| SPECIFICATION | VALUE |
|---|---|
| Operating mass (Min. / Max.) | 26000 kg |
| Ground pressure | 250-420 kPa |
| Compaction width | 2750 mm |
| Speed I | 0-7 km/h |

| | |
|---|---|
| Speed II | 0-14 km/h |
| Gradeability | 20 % |
| Turning radius | 9000 mm |
| Swing distance of front tyre | ±45 mm |
| Overlap between front & rear tyre | 50 mm |
| Min. ground clearance | 290 mm |
| Engine model | DEUTZ - |
| Rated power | 129 kW |
| Tyre size (smooth) | 11.00-20 - |
| Tyre number (front/rear) | 5/6 - |
| Overall dimensions (L×W×H) | 5200×2845×3380 mm |

### Features

• As a full hydraulic roller, our KP266 pneumatic tyred roller adopts SAUER hydraulic driving system, which can achieve stepless speed regulation and enhance the compaction effects to better meet the road construction requirements

• This pneumatic road roller is configured with a powerful DEUTZ engine and a maintenance-free battery cell

• Our pneumatic tyred roller looks elegant with a streamlined appearance and an upturning engine hood

• The road compaction machine' counter weight and ground pressure can be adjusted by increasing or reducing the weight of ballast or by changing the tyre pressure

• Pneumatic hydraulic braking, full hydraulic braking and dry braking are available to this heavy engineering vehicle

• Our pneumatic tyred roller has a safe and reliable pressure water sprinkling system with multi-level water filters

## KP306 Pneumatic Tyre Roller · KP306

30 t tyre roller for high-volume mainline asphalt compaction.

| KEY DATA | VALUE |
|---|---|
| Operating mass (Min. / Max.) | 30000 kg |
| Compaction width | 2750 mm |
| Engine model | DEUTZ - |
| Rated power | 129 kW |

### Specifications

| SPECIFICATION | VALUE |
|---|---|
| Operating mass (Min. / Max.) | 30000 kg |
| Ground pressure | 250-420 kPa |
| Compaction width | 2750 mm |
| Speed I | 0-7 km/h |

| | |
|---|---|
| Speed II | 0-14 km/h |
| Gradeability | 20 % |
| Turning radius | 9000 mm |
| Swing distance of front tyre | ±45 mm |
| Overlap between front & rear tyre | 50 mm |
| Min. ground clearance | 290 mm |
| Engine model | DEUTZ - |
| Rated power | 129 kW |
| Tyre size (smooth) | 11.00-20 - |
| Tyre number (front/rear) | 5/6 - |
| Overall dimension (L×W×H) | 5200×2845×3380 mm |

### Features

• The KP306 pneumatic tyred roller is a full hydraulic roller equipped with powerful DEUTZ engine and maintenance-free battery cell

• Streamlined styling and upturning engine hood makes the road roller look beautiful

• The SAUER hydraulic driving system with stepless speed regulation function helps improve the compaction effects and enable our pneumatic tyred roller to better meet the road construction requirements

• You can adjust the road compactor's counter weight and ground pressure by increasing or reducing the weight of ballast or by changing the tyre pressure

• A reliable water sprinkling system with multi-level water filters is configured to our pneumatic tyred roller

• This heavy engineering machinery supports pneumatic hydraulic braking, full hydraulic braking and dry braking

## KC Series Landfill Compactor · KC230 / KC260 / KC300

Steel-wheel landfill compactors with self-cleaning cleats for waste placement density.

| KEY DATA | VALUE |
|---|---|
| Operating mass | kg |
| Rolling width | mm |
| Drum width (front/rear) | mm |
| Engine model | - |
| Rated power | kW |

### Model comparison — Model / Unit / KC230 / KC260

| PARAMETER | MODELS |
|---|---|
| Operating mass | kg · 23000 · 26000 |
| Rolling width | mm · 3430 · 3430 |
| Max. traveling speed | km/h · 11 · 11 |
| Gradeability | % · 100 · 100 |

| | |
|---|---|
| Wheelbase | mm · 3500 · 3500 |
| Ground clearance | mm · 490 · 490 |
| Blade height | mm · 1880 · 1880 |
| Drum width (front/rear) | mm · 1195/970 · 1195/970 |
| Drum diameter (front/rear) | mm · 1620/1620 · 1620/1620 |
| Drum tooth quantity (front/rear) | - · 50×2/40×2 · 50×2/40×2 |
| Engine model | - · SC11CB255 · SC11CB255 |
| Rated power | kW · 187 · 187 |
| Compaction ability | t/m³ · 0.35t/m³ to 0.9t/m³ · 0.35t/m³ to 1.0t/m³ |
| Overall dimension (L×W×H) | mm · 8100×3500×3670 · 8100×3800×3670 |

### Features

• Employing the imported SAUER-DANFOSS pump with sensing device, our KC260, KC230 and KC300 landfill compactors are able to turn flexibly

• The engine we use for the landfill compaction equipment is powerful water-cooling supercharged diesel engine made by Shanghai Diesel engine Co., Ltd

• Special wear-resisting blade teeth guarantee the landfill compactor has good compaction effects

• The front and rear vehicle frames are in articulated structure with large swing angle, which makes the compacting drum can contact with the ground completely

• A no-spin automatic differential lock in the trash compactor's drive axle offers great traction to the vehicle

• Our landfill compactor is a four-wheel-drive engineering vehicle with hydraulic torque converter and power shift transmission gearbox. With three forwards gears and three backwards gears, this trash disposal equipment works well in landfills

## Crawler Asphalt Paver · SUM820 / SUM820YE

Crawler paver with heated screed and proportional feed for mainline and municipal work.

| KEY DATA | VALUE |
|---|---|
| Engine model — BF6M1013ECP | BF6M1013ECP |
| Engine power (kW) — 175 | 175 |
| Diesel tank capacity (L) — 280 | 280 |
| Paving productivity (theoretical value) (t/h) — 1000 | 900 |
| Crawler width (mm) — 325 | .325 |

### Specifications

| SPECIFICATION | VALUE |
|---|---|
| Engine model — BF6M1013ECP | BF6M1013ECP |
| Engine power (kW) — 175 | 175 |
| Rated speed of engine (r/min) — 2000 | 2000 |
| Cooling method — Water cooling | Water cooling |

| | |
|---|---|
| Diesel tank capacity (L) — 280 | 280 |
| Exhaust gas emission — Europe Stage II/China II | Europe Stage II/China II |
| Paving productivity (theoretical value) (t/h) — 1000 | 900 |
| Paving thickness (maximum) (mm) — 400 | 300 |
| Paving speed (m/min) — 0-20 | 0-20 |
| Travel speed (km/h) — 0-3.6 | 0-3.6 |
| Crawler length (mm) — 3085 | 3085 |
| Crawler width (mm) — 325 | .325 |
| Hopper capacity (t) — 16 | 16 |
| Scraper conveyor belt — 2 | 2 |
| Scraper conveyor belt speed (m/min) — 18.8 | 18.8 |
| Spiral charge distributor — 2 | 2 |
| Revolving speed of spiral charge distributor (r/min) — 0-150 | 0-150 |
| Diameter of charge distributor (mm) — 360/420/500 | 360/420 |
| Machine dimension (L×W×H) (mm) — 6659×2500×3966 (3072 transportation height) | 6940×3000×3966 (3072 transportation height) |
| Minimum operating width (m) — 2.5 | 3.0 |
| Maximum operating width (m) — 9.0 | 9.0 |
| Machine voltage (V) — 24 | 24 |
| Heating method — Propane gas heating | Electrical heating |
| Machine weight (kg) — 17025 | 17025 |

### Features

• The 175kW engine used in our road paving equipment is of low fuel consumption, low exhaust emission and low noise

• A low-noise independent composite heat dissipation system driven by hydraulic power enables our crawler asphalt paver to work under high temperature up to 55°C

• The CAN bus-based electronic paving management system guarantees accurate operation parameters of this asphalt finisher

## Cold Milling Machine · CM2000 / CM1001 / CM1001J

Milling machines from 1.0 to 2.0 m cutting width for pavement removal and rehabilitation.

| KEY DATA | VALUE |
|---|---|
| Engine model | QSX15-C600 |
| Engine rated power/speed | 448/2100kW/rpm |
| Milling width | 2000mm |
| Theoretical material conveying capacity | 290m 3 /h |
| Water tank capacity | 3000L |

### Model comparison — Milling machine model / CM2000 / CM1001J / CM1001

| PARAMETER | MODELS |
|---|---|
| Engine model | QSX15-C600 · SC8D220G2B1 · 6CTA8.3-C215 |
| | |

| | |
|---|---|
| Engine rated power/speed | 448/2100kW/rpm · 162/2200kW/ rpm · 160/2200kW/rpm |
| Milling width | 2000mm · 1000mm · 1100mm |
| Milling depth | 0~320mm · 0~300mm · 0~150mm |
| Milling tool quantity | 169pcs · 100pcs · 9pcs |
| Milling diameter | Φ1060mm · Φ940mm · Φ750mm |
| Milling blade tool blade pitch | 15m · 12mm · 15mm |
| Revolving speed of milling device | 100r/min · 120r/min · 105r/m |
| Minimal ground clearance | 386mm · 145mm · 140mm |
| Traveling speed | 0-5.4km/h · 0~6.4km/h · 0-6.4km/h |
| Operating speed | 0-30mm/min · 0~32m/min · 0-35m/min |
| Theoretical gradeability | 60% · 35% · 30% |
| Theoretical material conveying capacity | 290m 3 /h · 105m 3 /h · 150m 3 /h |
| Water tank capacity | 3000L · 1000L · 980L |
| Fuel tank capacity | 1100L · 400L · 260L |
| Hydraulic oil tank capacity | · 100L · |
| Travel drive mode | Full hydraulic · Full hydraulic · Full hydraulic |
| Operating voltage | 24V · 24 V · 24V |
| Operating weight | 32000kg · 15000kg · 14400kg |
| Transportation dimension | 12000×3000×2170mm · 12360×2330×2700mm · 10470×2270×2780mm |

### Features

• The milling drum of our cold milling machine manufactured with special technology is equipped with 100 milling tools and is able to work flexibly and stably. Its maximum milling depth can be 300mm

• The water tank is designed in a unique styling, making the entire road milling equipment look elegant

• This road maintenance equipment has complete protection systems to ensure the safety of the workers and the machine unit

• Famous foreign brand hydraulic and control components are used in the cold milling machine to guarantee excellent working reliability

• Automatic control system and user-friendly operation system reduce the working intensity of the operators

## WBZ21 Soil Stabilizer · WBZ21

21 t stabilizer that mixes cement or lime into the base in a single pass.

| KEY DATA | VALUE |
|---|---|
| Engine model | NTA855-c360 |
| Engine output/speed (kW/hp) | 258/350 |
| Milling & mixing rotor operating width (mm) | 2000 |

### Specifications

| SPECIFICATION | VALUE |
|---|---|

| | |
|---|---|
| Engine model | NTA855-c360 |
| Engine output/speed (kW/hp) | 258/350 |
| Rated engine speed (r/min) | 2000 |
| Max. drum speed (r/min) | 135 |
| Milling & mixing rotor operating width (mm) | 2000 |
| Milling & mixing rotor operating depth (mm) | 350 |
| Milling & mixing rotor tool number (pcs) | 160 |
| Rotation direction of the operating rotor | Reverse |
| Max. traveling speed (km/h) | 24 |
| Operating speed (km/h) | 0-3.3 |
| Min. turning radius (mm) | 7500 |
| Approach angle (°) | 19 |
| Departure angle (°) | 16.5 |
| Min. ground clearance (mm) | 380 |
| Tires (front/rear) | 2×2 |
| Dimension (L×W×H) (mm) | 8530×3128×3500 |

### Features

• Our soil stabilizer adopts powerful and reliable CUMMINS NTA855-C360 engine

• Both the mixing and traveling system employ closed hydrostatic transmission system to achieve stepless speed regulation. The hydraulic parts we use are world-famous products with high working efficiency and stability

• The APA (Automatic Power Allot) function provides overload protection and high impact resistance for the soil stabilizer, making the machine has a longer lifespan

• Hydraulic mechanisms are used in this environmental sanitation equipment to control the steering of the front wheel, the lifting of the rotor and rotor arm, as well as the open and close of the rotor hood tail gate

• The low pressure off-the-road tyres greatly increase the tractive power of the soil stabilizer

• Our stabilized soil mixing machine has falling object protective structures and anti-rolling devices

## WB400 Soil Stabilizer · WB400

Stabilizer with a special mixing drum for deep, homogeneous base mixing.

| KEY DATA | VALUE |
|---|---|
| Engine model | NTA855-C400 |
| Engine output/speed (kW/hp) | 298/400 |
| Milling & mixing rotor operating width (mm) | 2000 |

### Specifications

| SPECIFICATION | VALUE |
|---|---|
| Engine model | NTA855-C400 |
| | |

| | |
|---|---|
| Engine output/speed (kW/hp) | 298/400 |
| Rated engine speed (r/min) | 2100 |
| Max. drum speed (r/min) | 160 |
| Milling & mixing rotor operating width (mm) | 2000 |
| Milling & mixing rotor operating depth (mm) | 350 |
| Milling & mixing rotor tool number (pcs) | 160 |
| Rotation direction of the operating rotor | Reverse |
| Max. traveling speed (km/h) | 24 |
| Operating speed (km/h) | 0-3.3 |
| Min. turning radius (mm) | 7500 |
| Approach angle (°) | 19 |
| Departure angle (°) | 16.5 |
| Min. ground clearance (mm) | 380 |
| Tires (front/rear) | 2×2 |
| Dimension (L×W×H) (mm) | 8530×3128×3330 |

### Features

• The CUMMINS NTA855-C400 engine used in our soil stabilizer is of great power and high reliability

• The hydraulic system employs world-famous tandem pumps arranged in alignment, therefore it has high working efficiency and its maximum working pressure is up to 35MPa

• With big drum, big inertia and bullet head shaped mixing tools, the stabilized soil mixer has higher resistance to impact and can achieve better mixing quality

• This soil stabilizer comes with standard configuration of a rotor suitable for both milling and mixing. Dedicated mixing rotor is optional. The milling & mixing rotor whose maximum milling & mixing depth is 350mm is used for crushing and mixing the old asphalt pavement; the dedicated mixing drum whose maximum mixing depth is 400mm is mainly for mixing stabilized soil

• The cab with ultraviolet resistant glass and environmental air conditioner allow the operator to work in a safe and comfortable environment. New styling of this soil stabilization equipment also gives the operator a wide operating field

• Electric controlled multi-way valves and load-sensing steering wheel make the soil stabilizer easy to operate