

Technical information

# SUPER 1303



## Wheeled paver SUPER 1303

Compact Class

### TECHNICAL HIGHLIGHTS

- > Maximum pave width 4.5 m
- > Maximum laydown rate 250 tonnes/h
- > Transport width 1.85 m
- > Engine output: 74.4 kW at 2,000 rpm

### SUPER 1303 - Compact dimensions, easy handling

Compact dimensions, easy handling and excellent value for money - that's what the new VÖGELE SUPER 1303 wheeled paver has to offer. A member of the Classic Line, it features a range of functions which is focussed on the essentials required by paving teams for successful operations.

The SUPER 1303 can be combined with the AB 340 Extending Screed with tamper (T version), vibrators (V version) or with tamper and vibrators (TV version).



| TECHNICAL DATA                | SUPER 1303  |
|-------------------------------|---|
| <b>Power unit</b>             |   |
| <b>Engine</b>                 |   |
| > Version                     | liquid-cooled 4-cylinder diesel engine  |
| > Manufacturer                | Deutz   |
| > Type                        | TCD 3.6L4   |
| <b>Output</b>                 |   |
| > Nominal                     | 74.4 kW at 2,000 rpm (according to DIN)                                       |
| > ECO mode                    | 68.7 kW at 1,600 rpm  |
| <b>Emissions information</b>  |   |
| > Exhaust emissions standards | EU Stage 3a, US EPA Tier 3  |
| <b>Fuel tank</b>              | 110 litres  |
| <b>Undercarriage</b>          |   |
| <b>Front wheels</b>           |   |
| > Version                     | 4, mounted on bogies  |
| > Tyre equipment              | elastic solid rubber tyres  |
| > Tyre size                   | 460/250 - 310 mm  |
| <b>Rear wheels</b>            | 2, pneumatic tyres or filled with water                                       |
| > Tyre size                   | 365/80 R 20 XZL TL 152K   |
| <b>Drive</b>                  | electronically controlled separate hydraulic drive provided for each wheel    |
| > Standard                    | 2 rear wheels (6x2)   |
| > Option                      | 2 rear and 2 front wheels (6x4)   |
| <b>Speeds</b>                 |   |
| > Paving                      | up to 30 m/min., infinitely variable  |
| > Transport                   | up to 20 km/h, infinitely variable  |
| <b>Outside turning circle</b> | min. 3.8 m (with Pivot Steer)   |
| <b>Material hopper</b>        |   |
| <b>Hopper capacity</b>        | 10 t  |
| <b>Width</b>                  | 3,350 mm  |
| <b>Feed height</b>            | 580 mm (bottom of receiving hopper)   |
| <b>Push-rollers</b>           |   |
| > Standard                    | oscillating   |
| Position                      | can be displaced forwards by 80 mm  |
| <b>Conveyors and augers</b>   |   |
| <b>Conveyors</b>              |   |
| > Version                     | 2, with replaceable feeder bars, direction of conveyor temporarily reversible |
| > Drive                       | separate hydraulic drive provided for each conveyor                           |
| > Speed                       | up to 25 m/min., infinitely variable (manual or automatic)                    |

## Conveyors and augers

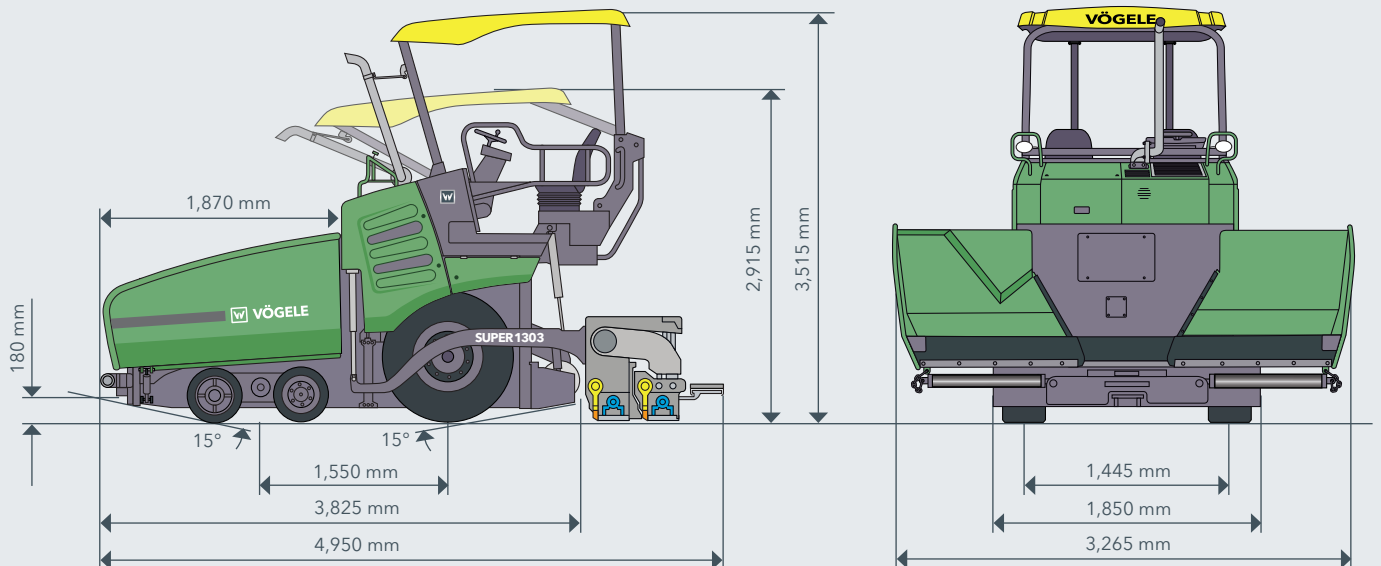
|   |   |
|---|---|
| <b>Augers</b>   |   |
| > Version   | 2, with replaceable auger blades, auger rotation reversible |
| > Diameter  | 300 mm  |
| > Drive   | separate hydraulic drive provided for each auger            |
| > Speed   | up to 80 rpm, infinitely variable (manual or automatic)     |
| <b>Auger height</b>   |   |
| > Standard  | infinitely variable by 13 cm, mechanical                    |
| > Option  | infinitely variable by 13 cm, hydraulic                     |
| <b>Lubrication</b>  | auger bearing via grease nipple                             |
| <b>Screed</b>   |   |
| <b>AB 340</b>   |   |
| <b>Basic width</b>  | 1.8 to 3.4 m  |
| <b>Maximum width</b>  | 4.5 m   |
| <b>Compacting systems</b>                                   | T, V, TV  |
| <b>Min. pave width with system for pave width reduction</b> | 0.75 m  |
| <b>Reduction in width</b>                                   | by cut-off shoes 2x52.5 cm                                  |
| <b>Layer thickness</b>                                      | up to 25 cm   |
| <b>Screed heating</b>                                       |   |
| > Version   | electric by heating rods                                    |
| > Power supply  | three-phase AC generator                                    |

## Dimensions (transport) and weights

|                |   |
|----------------|---|
| <b>Length</b>  |   |
| > Version      | paver with screed   |
| > AB 340       | 4.95 m  |
| <b>Weights</b> |   |
| > Version      | paver with screed   |
| > AB 340 TV    | for pave width up to 3.4 m: 10,200 kg / for pave width up to 4.5 m: 11,000 kg |

Key: AB = extending screed, T = with tamper, V = with vibrators, TV = with tamper and vibrators

### SIDE AND FRONT VIEW



SUPER 1303 HIGHLIGHTS

- > Compact Class paver with a wide range of applications and pave widths up to 4.5 m
- > Simple operation with the innovative and easy-to-grasp ErgoBasic operating concept
- > Powerful diesel engine of the latest generation
- > Significantly smaller turning circle due to Pivot Steer steering brake
- > Can be combined with the AB 340 Extending Screed in the T, V and TV versions

EQUIPMENT

|  |   |
|--|---|
| > Electronic engine management with ECO mode and variable-speed fan drive              | ■ |
| > Modern hardtop, made of a glass fibre-reinforced polymer material                    | □ |
| > Operator's seat, luxury, 2 pieces  | ■ |
| > Paver operator's ErgoBasic console and ErgoBasic remote control units for the screed | ■ |
| > 4 working lights, halogen  | ■ |
| > Rearview mirror, 2 pieces  | □ |
| > All-round beacon   | □ |
| > Pivot Steer  | ■ |
| > Auger height adjustment, manual  | ■ |
| > Auger height adjustment, hydraulic   | □ |
| > Sensor for auger control, sonic, 2 pieces  | ■ |
| > Working lights for auger tunnel, 2 pieces  | □ |
| > Grade And Slope Control Niveltronic Basic  | □ |
| > Handset for Niveltronic Basic, 2 pieces  | □ |
| > Various sensor types for Niveltronic Basic   | □ |
| > Screed Assist  | □ |
| > Cleaning agent tank with spray bottle  | □ |

The list contains only an excerpt from the range of delivery.  
Standard equipment and options may be different depending on the sales region.

■ Standard Equipment    □ Options

JOSEPH VÖGELE AG

Joseph-Vögele-Str. 1  
67075 Ludwigshafen  
Germany  
  
T: +49 621 8105-0  
F: +49 621 8105-461  
M: marketing@voegele.info

➤ [www.voegele.info](http://www.voegele.info)

