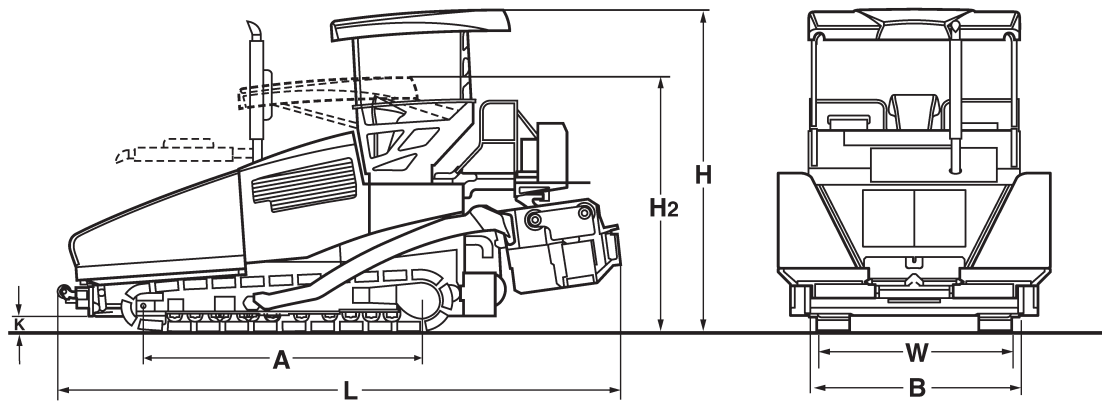


# PERFORMANCE DATA

PAVER (TIER 4i)

BF 900 C S 500, BF 900 C S 600





**Dimensions in mm**

|                       | <b>A</b> | <b>B</b> | <b>H</b> | <b>H<sub>2</sub></b> | <b>L</b> | <b>W</b> |
|-----------------------|----------|----------|----------|----------------------|----------|----------|
| <b>BF 900 C S 500</b> | 3360     | 2550     | 3865     | 3055                 | 6800     | 2550     |
| <b>BF 900 C S 600</b> | 3360     | 3000     | 3865     | 3055                 | 6800     | 3000     |

**Shipping dimensions in m<sup>3</sup>**

|                       |        |
|-----------------------|--------|
| <b>BF 900 C S 500</b> | 41,969 |
| <b>BF 900 C S 600</b> | 43,423 |

**Technical Data****BOMAG  
BF 900 C S 500****BOMAG  
BF 900 C S 600****Weights**

|                             |    |       |       |
|-----------------------------|----|-------|-------|
| Operating weight CECE ..... | kg | 21150 | 21450 |
|-----------------------------|----|-------|-------|

**Dimensions**

|                        |    |      |      |
|------------------------|----|------|------|
| Transport length ..... | mm | 6800 | 6800 |
| Transport width .....  | mm | 2550 | 3000 |
| Transport height ..... | mm | 3055 | 3055 |

**Travel characteristics**

|                         |       |       |       |
|-------------------------|-------|-------|-------|
| Travel speed (1) .....  | km/h  | 0-4,5 | 0-4,5 |
| Working speed (1) ..... | m/min | 0-25  | 0-25  |

**Drive**

|                             |                   |            |            |
|-----------------------------|-------------------|------------|------------|
| Engine manufacturer .....   |                   | DEUTZ      | DEUTZ      |
| Type .....                  |                   | TCD 6.1 L6 | TCD 6.1 L6 |
| Exhaust classification..... |                   | 4i / 3 b   | 4i / 3 b   |
| Cooling .....               |                   | Water      | Water      |
| Number of cylinders.....    |                   | 6          | 6          |
| Rated power ISO 3046.....   | kW                | 160        | 160        |
| Speed .....                 | min <sup>-1</sup> | 2000       | 2000       |

**Crawler assembly**

|                     |    |      |      |
|---------------------|----|------|------|
| Crawler track ..... |    |      |      |
| -Axle base .....    | mm | 2700 | 2700 |
| -Width.....         | mm | 300  | 300  |

**Hopper**

|                               |                |      |      |
|-------------------------------|----------------|------|------|
| Capacity .....                | m <sup>3</sup> | 7,2  | 7,2  |
| Width (wings open).....       | mm             | 3320 | 3320 |
| Width (wings closed).....     | mm             | 2250 | 2250 |
| Length .....                  | mm             | 2010 | 2010 |
| Filling height (middle) ..... | mm             | 500  | 500  |

**Scraper belt / auger**

|                           |       |          |          |
|---------------------------|-------|----------|----------|
| Number .....              |       | 2        | 2        |
| Width .....               | mm    | 400      | 400      |
| Speed .....               | U/min | 60       | 60       |
| Individual control .....  |       | Standard | Standard |
| Reversing operation ..... |       | Standard | Standard |

**Conveyor auger**

|                            |       |          |          |
|----------------------------|-------|----------|----------|
| ->Number .....             |       | 2        | 2        |
| ->Auger diameter .....     | mm    | 400      | 400      |
| ->Rotary speed .....       | U/min | 95       | 95       |
| ->Reversing operation..... |       | Standard | Standard |

**Screed**

|                                       |    |               |               |
|---------------------------------------|----|---------------|---------------|
| Screed type .....                     |    | S 500         | S 600         |
| Basic width retracted .....           | mm | 2550          | 3000          |
| Basic width extended.....             | mm | 5000          | 6000          |
| Max. working width .....              | mm | 9000          | 10000         |
| min. width with reduction skids ..... | mm | 1800          | 2300          |
| Mat thickness .....                   | mm | 300           | 300           |
| Smoothing plate depth.....            | mm | 400           | 400           |
| Smoothing plate thickness.....        | mm | 15            | 15            |
| Heating .....                         |    | Elektric      | Elektric      |
| Crown .....                           | %  | -2,5 ... +4,5 | -2,5 ... +4,5 |
| Tamper frequency.....                 | Hz | 0-29          | 0-29          |
| Vibration frequency .....             | Hz | 20-58         | 20-58         |
| Basic weight.....                     | kg | 3900          | 4200          |

**Filling capacities**

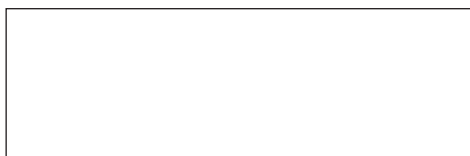
|                    |   |     |     |
|--------------------|---|-----|-----|
| Fuel.....          | l | 315 | 315 |
| Hydraulic oil..... | l | 160 | 160 |

### Standard equipment

- SIDEVIEW
- Driver's seat: with swivel and side-shift
- Protection; dashboard
- Hydraulic hinged roof
- Digital display for machine management
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- Cast heating elements
- Automatic screed heating
- Hydraulic screed control
- Crown adjustment
- 6 work lights
- Side control of auger/scraper belts
- Tools
- Rubber track plates
- 30 kVA generator
- Socket 2x240 volt
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high-wear resistant plates

### Optional equipment

- Hydraulic hopper front flap
- Hydraulic/electric movable platform
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- Side windscreened platform
- Seat warmer
- Asphalt steam extraction
- Biologically degradable hydraulic oil
- Central lubrication system
- L.C.S. half-sided
- Optional paint finish
- S 500 + S 600 extensions:
  - 250 mm
  - 500 mm
  - 750 mm
  - 1250 mm
- Reduction shoe
- Edge shaper 45°/60°
- Light balloon
- Socket 2x240 volt
- Levelling systems: Height and cross-slope sensing by means of ultrasonic or mechanical sensors



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