



# 1501

## Wheel Dumper

The multi-talent in mini-format

The twin-lock 4-wheel drive system makes the 1501 a perfect partner for uneven or steep terrain. The articulated pendulum joint adapts to all uneven terrain providing the necessary stability. The high tip skip, equipped as standard, as well as the optionally available swivel tip skip, ensure that no requirements for use are overlooked. A fold-down roll over protection system and the small dimensions make it convenient to transport. The optional reverse alarm, rotating beacon and outside review mirrors enhance safety. Wide leg protection, the fold-down roll-over protection system and the large control station provide safer and intuitive operation.

### Highlights

- Swivel tip skip
- High tip skip
- Small dimensions
- Smooth ride characteristics

### Technical Data

#### Hydraulic

|                |            |
|----------------|------------|
| Hydraulic pump | ZRP        |
| Flow rate      | 25.0 l/min |

#### Mechanical - Output Details

|              |           |
|--------------|-----------|
| Travel speed | 16.0 km/h |
|--------------|-----------|

#### Mechanical Details

|                              |             |
|------------------------------|-------------|
| Length                       | 3,300.0 mm  |
| Width                        | 1,305.0 mm  |
| Height                       | 2,550.0 mm  |
| Weight                       | 1,320.00 kg |
| Dry Weight                   | 1,336.0 kg  |
| Gross vehicular weight       | 2,836.0 kg  |
| Payload                      | 1,500.0 kg  |
| Skip capacity levelled       | 650.0 l     |
| Skip capacity heaped         | 800.0 l     |
| Pendulum angle               | 15.0 °      |
| Axle load Front              | 2,000.0 kg  |
| Axle load Rear               | 1,100.0 kg  |
| Operating weight (min.-max.) | 1,336.0 kg  |

#### Engine

|                            |                         |
|----------------------------|-------------------------|
| Engine type                | Diesel engine           |
| Cylinder capacity          | 1,116.0 cm <sup>3</sup> |
| Fuel                       | HVO EN15940             |
| Tank capacity              | 15.0 l                  |
| Effective power            | 18.9 KW                 |
| Nominal Engine speed       | 3,000.0 1/min           |
| Standard (Effective power) | ISO 3046                |
| Engine Manufacturer        | Yanmar                  |
| Engine Designation         | 3TNV76-XNSV             |

#### Environment Data

|                             |             |
|-----------------------------|-------------|
| Sound power LWA, guaranteed | 101.0 dB(A) |
|-----------------------------|-------------|

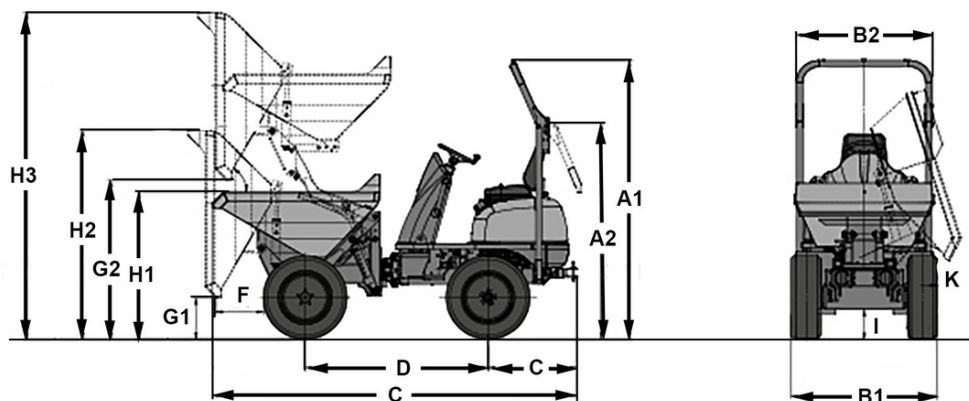
#### Chassis

|                    |                 |
|--------------------|-----------------|
| Turning radius     | 3,300.0 mm      |
| Articulation angle | 33.0 °          |
| Hydraulic Pump     | Axialpistonpump |
| Flow rate          | 135.0 l/min     |

#### Shipping and Storage

|                 |            |
|-----------------|------------|
| Shipping weight | 1,186.0 kg |
|-----------------|------------|

## Dimensions



|    |   | High tip skip | Swivel tip skip |
|----|---|---------------|-----------------|
| A1 | Height ROPS                               | 2,550 mm      | 2,550 mm        |
| A2 | Height of ROPS tilted                     | 1,960 mm      | 1,960 mm        |
| B1 | Width of vehicle                          | 1,350 mm      | 1,305 mm        |
| B2 | Width of skip                             | 1,225 mm      | 1,260 mm        |
| C  | Total length ROPS                         | 3,300 mm      | 3,220 mm        |
| D  | Wheel base                                | 1,650 mm      | 1,700 mm        |
| E  | Rear overhang                             | 810 mm        | 810 mm          |
| F  | Dumping width                             | 400 mm        | 280 mm          |
| G1 | Dumping height max.                       | 370 mm        | 680 mm          |
| G2 | Dumping height max., high tip skip raised | 1,450 mm      |                 |
| H1 | Skip height                               | 1,345 mm      | 1,300 mm        |
| H3 | Skip height tilted, high tip skip raised  | 2,975 mm      |                 |
| K  | Dumping width lateral                     |               | 100 mm          |