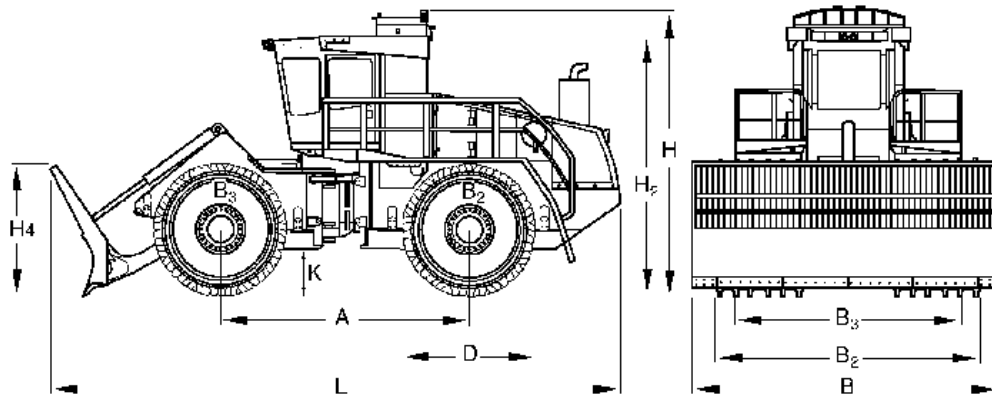


# TECHNICAL DATA

REFUSE COMPACTOR

BC 972 RB-2, BC 1172 RB-2





**Dimensions in mm**

	<b>A</b>	<b>B</b>	<b>B2</b>	<b>B3</b>	<b>D</b>	<b>H</b>	<b>H2</b>	<b>H4</b>	<b>K</b>	<b>L</b>
<b>BC 972 RB-2</b>	4100	5200	4500	4260	2200	4845	4400	2225	765	9425
<b>BC 1172 RB-2</b>	4100	5200	4500	4260	2200	4845	4400	2225	765	9425

**Shipping dimensions in m3**

<b>BC 972 RB-2</b>	215,644
<b>BC 1172 RB-2</b>	215,644

**Technical Data****BOMAG  
BC 972 RB-2****BOMAG  
BC 1172 RB-2****Weights**

Grossweight .....	kg	47.300	55.300
Operating weight CECE .....	kg	46.500	54.500
Axle load, front / rear CECE .....	kg	22.850/23.650	26.850/27.650

**Dimensions**

Rear overhang .....	mm		
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**Driving Characteristics**

Speed (1), forward .....	km/h	0- 3,0	0- 3,0
Speed (1), reverse .....	km/h	0- 3,0	0- 3,0
Speed (2), forward .....	km/h	0- 5,0	0- 5,0
Speed (2), reverse .....	km/h	0- 5,0	0- 5,0
Speed (3), forward .....	km/h	0- 12,0	0- 12,0
Speed (3), reverse .....	km/h	0- 12,0	0- 12,0
Max. gradeability (dep. on soil con.) .....	%	100	100
Max. pushing force .....	kN	502	588

**Drive**

Engine manufacturer .....		Deutz	Deutz
Type .....		TCD 2015 V08	TCD 2015 V08
Emission stage .....		Stage IIIa / TIER3	Stage IIIa / TIER3
Cooling .....		Liquid	Liquid
Number of cylinders .....		8	8
Performance ISO 9249 .....	kW	440,0	440,0
Performance SAE J 1349 .....	hp	590,0	590,0
Speed .....	min-1	1.900	1.900
Travel system .....		hydrost.	hydrost.
Operating voltage .....	V	24	24

**Compaction Wheels**

Width, front .....	mm	1.400	1.400
Width, rear .....	mm	1.400	1.400
Outer diameter (front) .....	mm	2.200	2.200
Outer diameter (rear) .....	mm	2.200	2.200
Number of teeth/cutters, front .....		72	72
Number of teeth/cutters, rear .....		72	72
Compaction coverage per side .....	mm	1.520	1.520

**Brakes**

Service brake .....		hydrost.	hydrost.
Parking brake .....		hydromec.	hydromec.

**Steering**

Steering system .....		oscil.artic.	oscil.artic.
Steering method .....		hydraulic	hydraulic
Track radius, inner .....	mm	3.050	3.050
Steering / oscillating angle +/- .....	grad	40/15	40/15

**Dozer Blade**

Height adjustment over ground level .....	mm	1.375	1.375
Height adjustment below ground level .....	mm	50	50
Dozer blade capacity acc. to SAE J 1265 .....	m3	15,8	15,8

**Capacities**

Fuel .....	l	1.000,0	1.000,0
Engine oil .....	l	47,0	47,0
Hydraulic oil .....	l	590,0	590,0

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- Engine complying with exhaust gas standard EPA3 (EU 97/68/EG)
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- 3-stage fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Adjustable scrapers in front of and behind each wheel
- Protection of all power train components by a armoured belly pan
- Wire deflector and drive protection on inner side of wheels
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Tinted safety glass panes
- Sun shades
- Sliding windows on both sides
- Front / rear windscreen washer system
- Interval switch for windscreen wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air cushioned seat with seat belts acc. to ISO 6683
- Seat heating
- Head rest
- Control unit for dozer blade and travel direction control integrated in driver's seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- LED Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Reversing monitor
- Reversible fan

### Optional Equipment

- Polygonal compaction wheels, welded forged teeth
- Blade (5200mm)
- Premium compaction wheels with highly wear resistant teeth
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Protective ventilation system (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- Semi-U-Blade 5250mm
- Automatic heating - air conditioning
- TELEMATIC POWER

