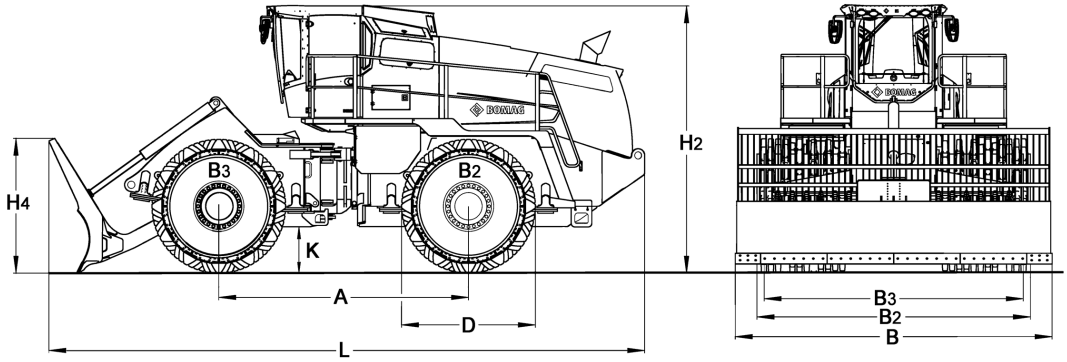
TECHNICAL DATA

REFUSE COMPACTOR

BC 873 RB-5, BC 973 RB-5, BC 1173 RB-5





Dimensions in mm

	A	B	B2	B3	D	H2	H4	K	L
BC 873 RB-5	4110	4540	4030	3795	2150	4375	2225	740	9780
BC 973 RB-5	4110	5200	4500	4265	2200	4400	2285	765	9780
BC 1173 RB-5	4110	5200	4500	4265	2200	4400	2285	765	9780

Shipping dimensions in m3

BC 873 RB-5	194,255
BC 973 RB-5	223,766
BC 1173 RB-5	223,766

Technical Data		BOMAG BC 873 RB-5	BOMAG BC 973 RB-5	BOMAG BC 1173 RB-5
Weights				
Grossweight	kg	42.300	48.500	57.400
Operating weight CECE	kg	41.700	47.900	56.600
Driving Characteristics				
Speed (1), forward	km/h	0- 12,0	0- 12,0	0- 12,0
Speed (1), reverse	km/h	0- 12,0	0- 12,0	0- 12,0
Max. gradeability (dep. on soil con.) .	%	100	100	100
Max. pushing force	kN	448	502	613
Drive				
Engine manufacturer		Cummins	Cummins	Cummins
Type		X15	X15	X15
Emission stage		Stage V / TIER4f	Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment		DOC+DPF+SCR	DOC+DPF+SCR	DOC+DPF+SCR
Cooling		Liquid	Liquid	Liquid
Number of cylinders		6	6	6
Gross power SAE J 1995	kW	336,0	429,0	429,0
Gross power SAE J 1995	hp	456,0	575,0	575,0
Performance SAE J 1349	hp	456,0	576,0	575,0
Speed	min-1	1.700	1.700	1.700
Travel system		hydrost.	hydrost.	hydrost.
Operating voltage	V	24	24	24
Compaction Wheels				
Width, front	mm	1.200	1.400	1.400
Width, rear	mm	1.200	1.400	1.400
Number of teeth/cutters, front		60	72	72
Number of teeth/cutters, rear		60	72	72
Compaction coverage per side	mm	1.320	1.520	1.520
Brakes				
Service brake		hydrost.	hydrost.	hydrost.
Parking brake		hydromec.	hydromec.	hydromec.
Steering				
Steering system		oscil.artic.	oscil.artic.	oscil.artic.
Steering method		hydraulic	hydraulic	hydraulic
Track radius, inner	mm	3.492	3.292	3.292
Steering / oscillating angle +/-	grad	40/15	40/15	40/15
Dozer Blade				
Height adjustment over ground level .	mm	1.375	1.375	1.375
Height adjustment below ground level	mm	50	50	50
Dozer blade capacity acc. to SAE J 1265	m3	13,8	15,8	15,8
Capacities				
Fuel	l	980,0	980,0	980,0
Engine oil	l	47,0	47,0	47,0
Hydraulic oil	l	590,0	590,0	590,0
AdBlue (DEF) ®	l	100,0	100,0	100,0

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☑ Electronic engine management
- ☑ Electronic monitoring module with engine shut-down
- ☑ Engine air intake at a height of 3,30 m
- ☑ Dry air filter
- ☑ Multi 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 (Bucket system, manual)
- ☑ Adjustable scrapers in front of and behind each wheel
- ☑ All drive components well protected by the closed frame 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
- ☑ Automatic heating - air conditioning
- ☑ Tinted safety glass panes
- ☑ Sun shades
- ☑ Hinged window, left
- ☑ Windscreen wiper/washer, front
- ☑ Interval switch for windscreen wipers
- ☑ Outer rear-view mirror, electrically adjustable
- ☑ Heated outside mirror
- ☑ Heatable rear windscreens
- ☑ Air suspended seat
- ☑ Seat belt
- ☑ Seat heating
- ☑ Head rest
- ☑ Control units for bucket/dozer blade and travel direction control integrated in the driver's seat
- ☑ Adjustable joystick steering
- ☑ Display instruments
- ☑ CD-Radio
- ☑ 24 V electrics
- ☑ Generator 140 A
- ☑ Battery disconnecting switch
- ☑ LED Working lights, 4 front/4 rear/2 lateral
- ☑ Rotary beacon
- ☑ Audible backup alarm
- ☑ Warning horn
- ☑ Access steps right / left
- ☑ Towing eyes front / rear
- ☑ Hydr. driven, reversible and speed controlled radiator fan
- ☑ Rearview camera

Optional Equipment

- ☐ Polygonal compaction wheels, velded forged teeth
- ☐ Premium compaction wheels with highly wear resistant teeth
- ☐ Pre start cabin heating
- ☐ Fire extinguisher
- ☐ Special painting
- ☐ Protective ventilation system (Pre-installation)
- ☐ Tool kit
- ☐ Semi-U-Blade 5244mm
- ☐ Cold start device 115V
- ☐ Cold start device 230V
- ☐ TELEMATIC POWER

BOMAG
Hellerwald
D-56154 Boppard
P.O. Box 5162
Tel. (0)6742 - 1000
Fax (0)6742 - 3090

BOMAG
FAYAT GROUP