

# BOMAG

FAYAT GROUP

## Soil Compactor

### BC772EB-2

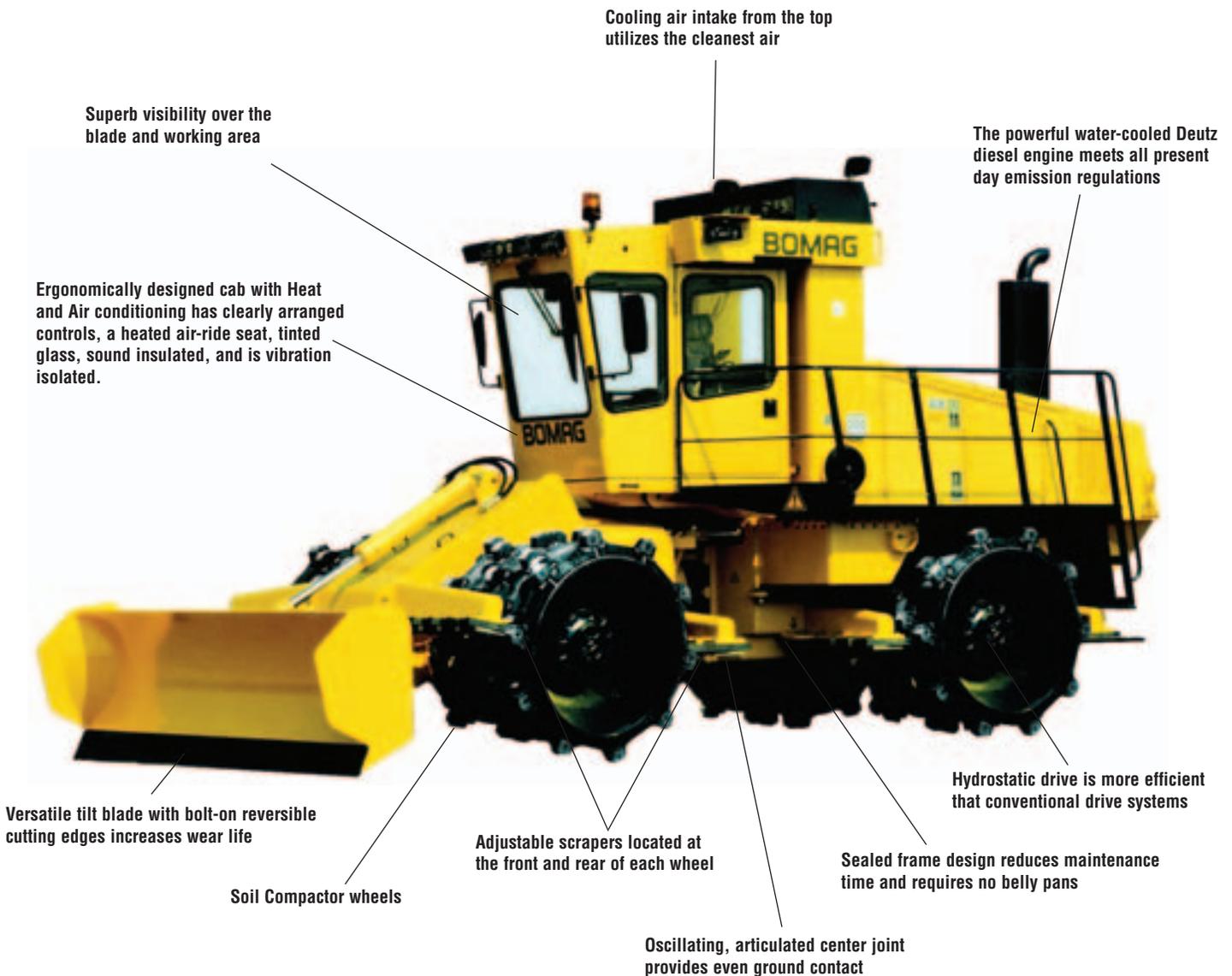


#### KEY FEATURES

- Deutz Diesel 442 Hp Tier 3 Engine
- High Pushing Power and Tractive Effort
- Efficient Hydrostatic Drive System
- Independent 4 Wheel Drive with Auto Load Sensing
- Center Joint Oscillation / Articulation
- Automatic Central Lubrication System
- 6 point Vibration Isolated Cab
- Pressurized and Filtered Cab Air
- Low Noise Levels
- Optimum Operator Comfort and Safety
- Sealed Front and Rear Frame design



# BC772EB-2



The BC772EB-2 BOMAG soil compactor simultaneously pushes, distributes, and compacts. The four fully independent hydrostatic drive travel circuits efficiently transfer power from the engine to the wheel planetaries. Combined with Auto Load Sensing, the result is optimum drive speed and maximum power.

The modern BC772EB-2's high pushing power and compaction performance ideally match the requirements of large scale soil compaction projects.

## ■ Applications:

- Embankment Compaction
- Highways and Bridges
- Site Preparation
- Airports
- Dam Construction
- Housing Developments

*Best for*  
**COMPACTION**

# Standard Features...

## Value Added Features:



The sealed tub design protects drive components



Air Ride Heated Seat and ergonomic joystick controls reduces operator fatigue

## Productivity:

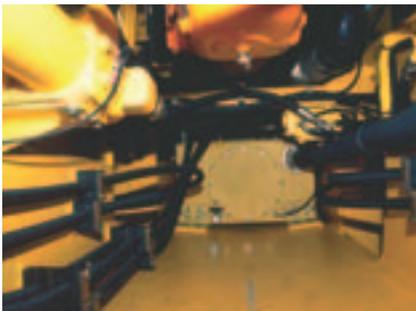


2 passes yield full compaction coverage



Scrapers positioned at both the front and rear of the drum to ensure a clean drum surface for maximum tooth penetration

## Maintenance:

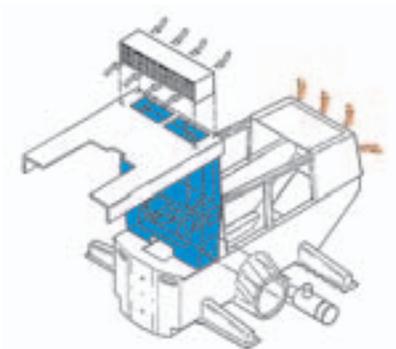


Excellent maintenance access



Automatic Central Lube System reduces maintenance time

## Performance:



A BOMAG exclusive: utilizing the cleanest air possible from over 12 feet above grade



Oscillating, articulated center joint assures that all 4 wheels have ground contact for optimum compaction, gradeability and safety

- ✓ Tier 3 Deutz Diesel Engine
- ✓ Engine air intake at over 12 ft above grade
- ✓ 24 V electrical system
- ✓ 80 amp alternator
- ✓ Battery master disconnect switch
- ✓ Fuel priming pump
- ✓ 3 stage fuel filtering system
- ✓ Cold starting system
- ✓ Electronic monitoring board with engine shut-down
- ✓ Instrument Panel Indicators and gauges
- ✓ Dry air filter
- ✓ Hydrostatic drive with independent 4 wheel drive
- ✓ 4 Spring-Applied, Hydraulically-Released (SAHR) brakes; 1 per wheel
- ✓ Automatic load sensing
- ✓ Joystick Steering Control
- ✓ Hydrostatic articulated steering
- ✓ Contamination monitoring system in the hydraulic oil circuit
- ✓ Soil compaction wheels
- ✓ Adjustable, front and rear scrapers at each wheel
- ✓ 2 wire cutters per wheel
- ✓ Protection of all drive components by a fully enclosed engine bay compartment
- ✓ ROPS/FOPS
- ✓ Cab heating and air conditioning
- ✓ Vibration isolated 6 point cab mounting
- ✓ Sound suppressed cab
- ✓ Pressurized and filtered cab air
- ✓ Sliding windows right/left
- ✓ Tinted safety glass
- ✓ Heated and air-suspended operator's seat
- ✓ Sunshade

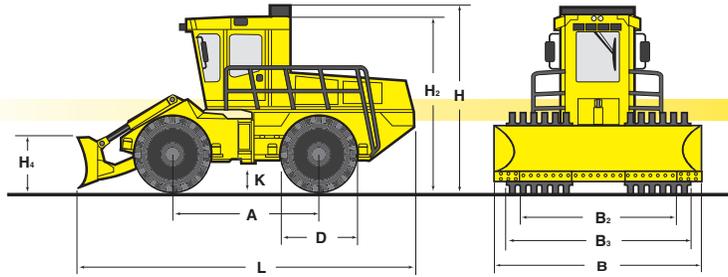
(continued)

# Technical Specifications

## BC772EB-2

### Shipping dimensions

in cubic feet (m <sup>3</sup> )	with dozer blade
BC772EB-2	4163 (117.87)



### Dimensions

in inches (mm)	A	B	B <sub>2</sub>	B <sub>3</sub>	D	H	H <sub>2</sub>	H <sub>4</sub>	K	L
BC772EB-2	137.8 (3500)	149.6 (3800)	139.8 (3550)	148.6 (3775)	62.2 (1580)	162.2 (4120)	150.4 (3820)	41.3 (1050)	23.6 (600)	319.7 (8120)

### Standard Features (continued)

- Automatic central lubrication system
- Rear view mirrors right/left
- Windshield wiper/washer front and rear
- Access steps right/left
- Audible back-up alarm
- Horn
- AM/FM/CD Radio
- Working lights – 6 front and 4 rear
- Replaceable blade cutting edges
- Towing hooks front and rear

### Optional Equipment

- Tilt Dozer Blade - 14 ft 2 in (4340 mm) open end
- Tilt Dozer Blade - 12 ft 5 in (3800 mm) closed end
- Rear Tailgate Protection
- Decelerator Pedal
- Rear View Camera
- Burglary Protection
- Fire Extinguisher 20#

### Technical data

#### Weights

Operating Weight CECE .....	lbs	(kg)	77820	(35,300)
Axle load front CECE .....	lbs	(kg)	38140	(17,300)
Axle load rear CECE .....	lbs	(kg)	39680	(18,000)

#### Driving Characteristics (depending on site conditions)

Speed (1) forward/reverse .....	mph	(kmph)	0-2.8	(0-4.5)
Speed (2) forward/reverse .....	mph	(kmph)	0-7.5	(0-12.0)
Max. gradeability .....	%		100	

#### Drive

Engine manufacturer .....		Deutz
Type .....		TCD 2015V06
Cooling .....		Water
Number of cylinders .....		6
Performance ISO 9249 .....	kW	330
Performance SAE J 1349 .....	hp	442
Speed .....	rpm	2,100
Electrical equipment .....	V	24
Drive travel system .....		hydrostatic
Number of driven wheels .....		4

#### Compaction Wheels

Width, front .....	in	(mm)	53.2	(1,350)
Width, rear .....	in	(mm)	44.3	(1,125)
Outer diameter (front) .....	in	(mm)	62.2	(1,580)
Outer diameter (rear) .....	in	(mm)	62.2	(1,580)
Number of teeth, front .....			60	
Number of teeth, rear .....			50	
Coverage per wheel .....	in	(mm)	53.2	(1,351)

#### Brakes

Service brake .....		hydrostatic
Parking brake .....		mech.
Emergency brake .....		hydromec.

#### Steering

Steering system .....		oscillating, articulating		
Steering method .....		hydraulic		
Steering angle ± .....	degrees	40		
Oscillating angle ± .....	degrees	15		
Track radius, inner .....	in	(mm)	121.7	(3,090)

#### Dozer Blade

Height adjustment over ground level .....	in	(mm)	47.2	(1,200)
Height adjustment below ground level .....	in	(mm)	4.7	(120)

#### Capacities

Fuel .....	gal	(l)	132	(500)
Hydraulic oil .....	gal	(l)	92.5	(350)
Engine oil .....	gal	(l)	9.5	(36)

Technical modifications reserved. Machines may be shown with options.

### BOMAG

#### BC772EB-2

B592H-2435 2M409TTTP



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