

BOMAG

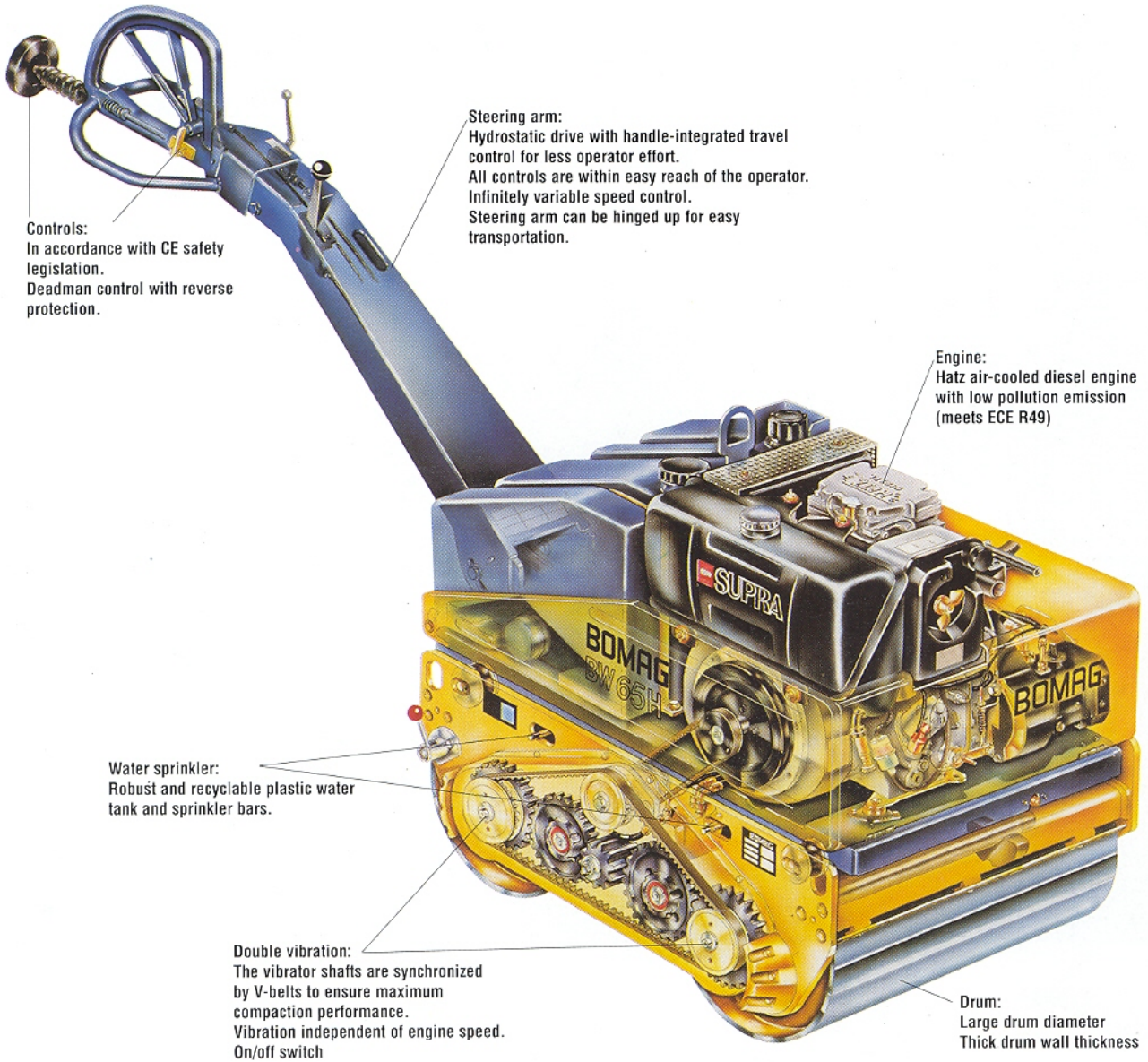


**WALK-BEHIND
DOUBLE VIBRATORY ROLLERS
BW 62 H / BW 65 H**

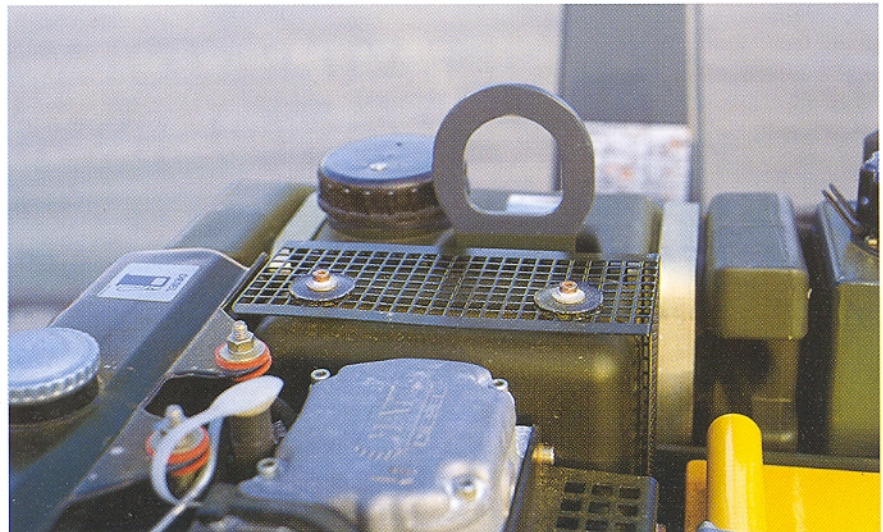
BOMAG
A UNITED DOMINION COMPANY

EASY TO HANDLE AND OPERATE

2 DOUBLE VIBRATORY ROLLERS



The new H series walk behind double vibratory rollers are modern, compact and designed for use on soils, granular and bituminous materials. Their high compaction performance and compact size make them ideal for the construction and repair of pavements, footpaths and cycle tracks, drives and forecourts, playgrounds, tennis courts and sports grounds as well as agricultural and forestry roads. Ease of operation and user friendliness are vitally important in achieving good compaction. The BW 62 H and BW 65 H are safe and easy to use and feature hydrostatic drive with handle-integrated travel control which reduces operator fatigue. This gives smooth operation throughout the speed range. The roller stops automatically when the travel control is released offering a high degree of safety.



The large central and lateral lifting eyes ensure safe and easy transportation.

FOR BEST COMPACTION RESULTS

ROLLERS: BW 62 H / BW 65 H

WORLD LEADER

Acknowledged as THE compaction specialist, BOMAG stands today as market leader. BOMAG rollers are at work throughout the world. When you need service back-up, BOMAG is ready on site with BOMAG customer support through a world-wide network of BOMAG subsidiaries and dealers. Build quality is crucial to reliability in the field and BOMAG Quality Control means that every roller undergoes a constant stream of compliance checks. Starting with the most advanced Research and Development centre in the industry, through production, where every component is subjected to rigorous inspection procedures, to final test. Here every BOMAG machine is subjected to an arduous, computer-controlled test schedule for up to four hours before dispatch. Every BOMAG roller is fit to go straight to work.

The BW 62 H and BW 65 H can be ordered with the following optional extras:

- Electric starting device
- Bio-hydraulic oil
- Special paint finish

EASIER TO USE AND SAFER THAN EVER BEFORE

- User-friendly due to the positioning of the drive and vibration control lever.
- The ergonomic arrangement of the controls and the adjustable handle ensure optimum machine operation.
- Weather-resistant pictographs make operation simple and safe even for inexperienced operators.
- All H-model double vibratory rollers comply fully with CE safety legislation. Deadman control with reverse protection.
- The safety starting handle has an anti-kickback feature.
- A guard on the exhaust protects the operator from burns.
- The machine's low centre of gravity ensures stability at all times.
- Large lifting eyes and tie-down lugs ensure simple and safe transportation.



The BW 65 H for good compaction results.

HIGHER PERFORMANCE MEANS HIGHER PRODUCTIVITY AND HIGHER PROFITS

- The eccentric weights of the exciter shafts are phased at an angle of 180 degrees to each other to give maximum traction and climbing ability in both directions.
- The infinitely variable speed control ensures the optimum speed for every application.
- The hydraulically activated double vibration of the drums gives high compaction performance.
- The positioning of the water tank ensures a good water supply to the drums even on steep slopes.
- The narrow lateral overhang ensures maximum compaction right up to walls and kerbs.
- The large drum diameter ensures high surface quality when working on asphalt and reduces scuffing and tearing to a minimum.
- Each drum is fitted with two scrapers to avoid problems with pick-up of material.
- The steering arm can be folded making the machine more compact for easy transportation.
- The steering arm is vibration-damped to reduce vibrations passed on to the operator.
- Vibration can be switched on and off independent of the engine speed.



All operating elements comply with CE safety legislation.

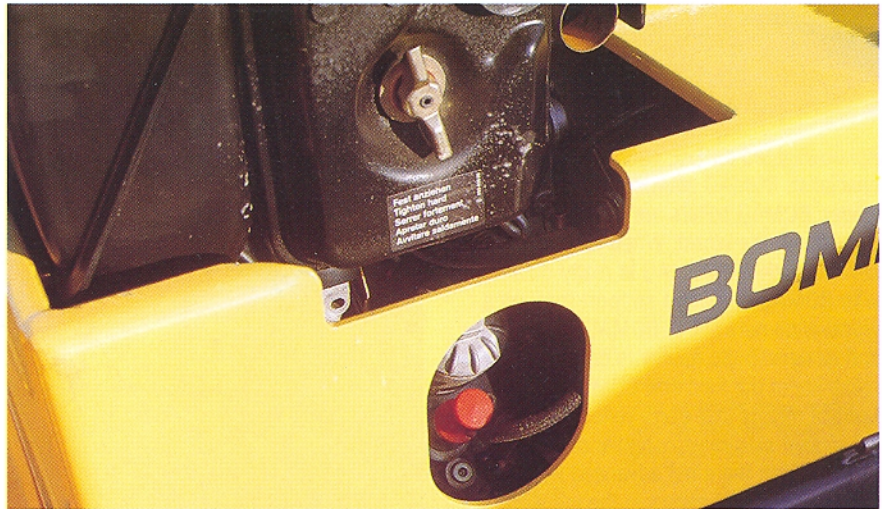
HIGH RELIABILITY

- The air-cooled diesel engine is powerful and robust.
- The hydrostatic drive mechanism is durable and requires minimum maintenance.
- The hydraulic service brakes and separate parking brake guarantee safe stopping in any situation.
- The drum shells are extra thick to give maximum strength for long life and durability.
- The diesel fuel tank is made of corrosion-resistant plastic.
- The engine is automatically switched off if the oil level is too low thus preventing damage to the engine.

EASY TO MAINTAIN

LOW MAINTENANCE COSTS CUT OPERATING COSTS AND INCREASE PROFITS

- The robust plastic water tank and sprinkler bars are maintenance-free.
- The oil level gauge is easily accessible enabling quick routine checks.
- Drum scrapers are readily available if replacement is necessary.
- The sprinkler bars are easy to remove and clean if a blockage occurs.
- The frame of the machine is vibration insulated by rubber buffers increasing the life of components.
- The drive and vibration bearings are life-time lubricated and are maintenance-free.
- Individual components are easily accessible enabling simple maintenance and routine checks.



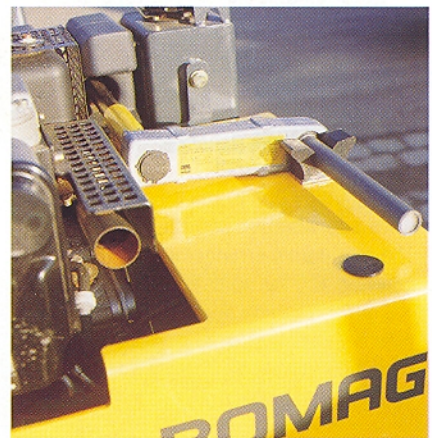
The oil level gauge and air filter are easily accessible for maintenance.

ENVIRONMENTAL ASPECTS HAVE NOT BEEN FORGOTTEN

- Maximum use of recyclable materials where possible.
- Low noise levels.
- Long maintenance intervals reduce waste materials and thus the strain on the environment.
- Low emission diesel engine meets all CE emission controls.
- H series machines can be operated with bio-hydraulic oil, thus reducing environmental pollution.

YOUR BEST INVESTMENT

- Proven BOMAG compaction Performance: your risk insurance.
- Maximum utilisation due to high reliability and BOMAG design know-how.
- Highest productivity to maximise return on investment.
- Low operating costs due to efficient drive and hydraulic systems with minimum maintenance requirements.
- Mature technology through over 35 years of experience in every climate, every application around the world.
- Quality, reliability and low operating costs make BOMAG rollers the most sought-after name in the market.
- Used BOMAG rollers regularly achieve the highest residual values. Which means a BOMAG roller has lowest lifetime cost.



The safety starting handle is easily accessible.

The machines illustrated may show optional equipment which can be supplied at additional cost. Specifications may change without notice.

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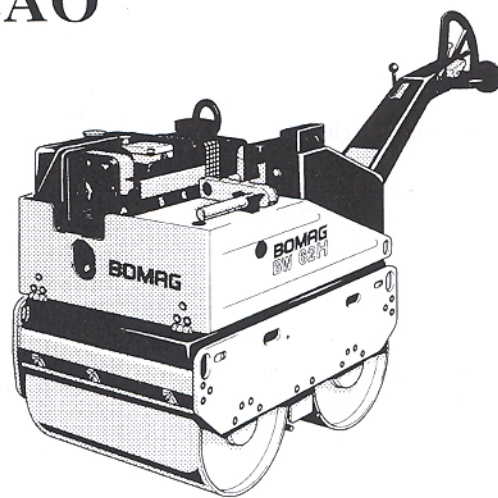
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CIL.CONDUCAO APEADA 2 ROLOS VIBR.
BW 62 H, BW 65 H

CAPACIDADE DE PRODUÇÃO



Modelo da máquina	Capacidade de compactação (m ³ /h)		
	á espessura da camada recomendada espessuras		
	Gravilha, areia	solos mistos	Argila, detritos
BW 62 H	30-45	30-45	15-22
BW 65 H	30-45	30-45	15-22

Modelo da máquina	Capacidade de compactação (t/h) a diferentes espessuras camadas asfalto		
	2-4 cm	6-8 cm	10-14 cm
BW 62 H	12-23	23-31	39-55
BW 65 H	12-23	23-31	39-55

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CARACTERÍSTICAS TÉCNICAS

Dimensões para transporte em m3

BW 62 H	1,503
BW 65 H	1,609

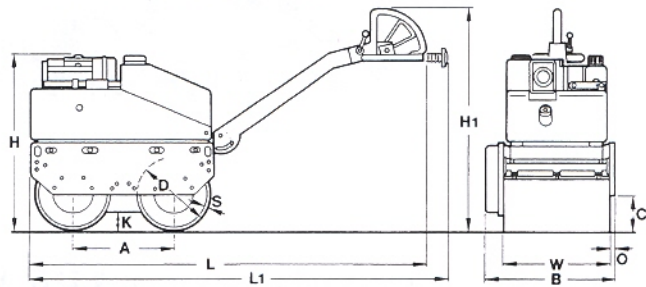
Equipamento técnico

- Transmissão hidrostática
- Comando velocidade infinita, variável
- Transmissão da vibração mecânica
- Depósitos de plástico da água de elevada capacidade
- Sistema de pulverização de água
- 2 raspadores por rolo
- Comando da vibração hidráulica
- Pega de segurança
- * Comando de segurança
- * Protecção da transmissão da marcha atrás
- * Travão de estacionamento

Equipamento adicional

- Pintura especial
- Lubrificante hidráulico ecológico
- Arranque eléctrico

* Entrega standard com certificado de conformidade CE (válido na UE)



Dimensões em mm

	A	B	C	D	H	H1	K	L	L1	O	S	W
BW 62 H	550	712	200	400	960	1210	110	2200	2320	20	8	600
BW 65 H	550	762	200	400	960	1210	110	2200	2320	20	8	650

Características técnicas

		BOMAG BW 62 H	BOMAG BW 65 H
Pesos			
Peso em operação CECE	kg	602	709
Peso básico	kg	570	675
Carga média no eixo CECE	kg	301	355
Carga linear estática média CECE	kg/cm	5	5,5
Dimensões			
Largura da base	mm	600	650
Dimensões		ver figura	ver figura
Características de Utilização			
Velocidade (1), marcha à frente	km/h	0-5,5	0-5
Velocidade (1), marcha atrás	km/h	0-2,5	0-2,5
Inclinação máx. com/sem vibr.	%	40/35	
Transmissão			
Marca do motor		Hatz	Hatz
Modelo		1D 41 S	1D 40
Arrefecimento		ar	ar
Nº de cilindros		1	1
Potência norma ISO 9249	kW	5,6	5,2
Velocidade	min-1	2800	2800
Potência norma SAE J 1349	kW	6,3	5,7
Velocidade	min-1	2800	2800
Combustível		diesel	diesel
Sistema motor		hidrost.	hidrost.
Rolo comandado		à frente + atrás	à frente + atrás
Travões			
Travão de serviço		hidrost.	hidrost.
Travão de estacionamento		standard	opção
Sistema de vibração			
Rolo de vibração		à frente + atrás	à frente + atrás
Sistema da direcção		mecân.	mecân.
Frequência	Hz	55	
Amplitude	mm	0,45	
Força centrífuga (em cada rolo)	kN	9	
Sistema de Pulverização			
Tipo de pulverização		gravidade	gravidade
Capacidades			
Combustível	l	5	5
Água	l	60	60

Reservados os direitos de proceder a alterações técnicas. As ilustrações das máquinas podem incluir acessórios especiais.



PRP 100 60 001

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