

BOMAG

BW 28 RH



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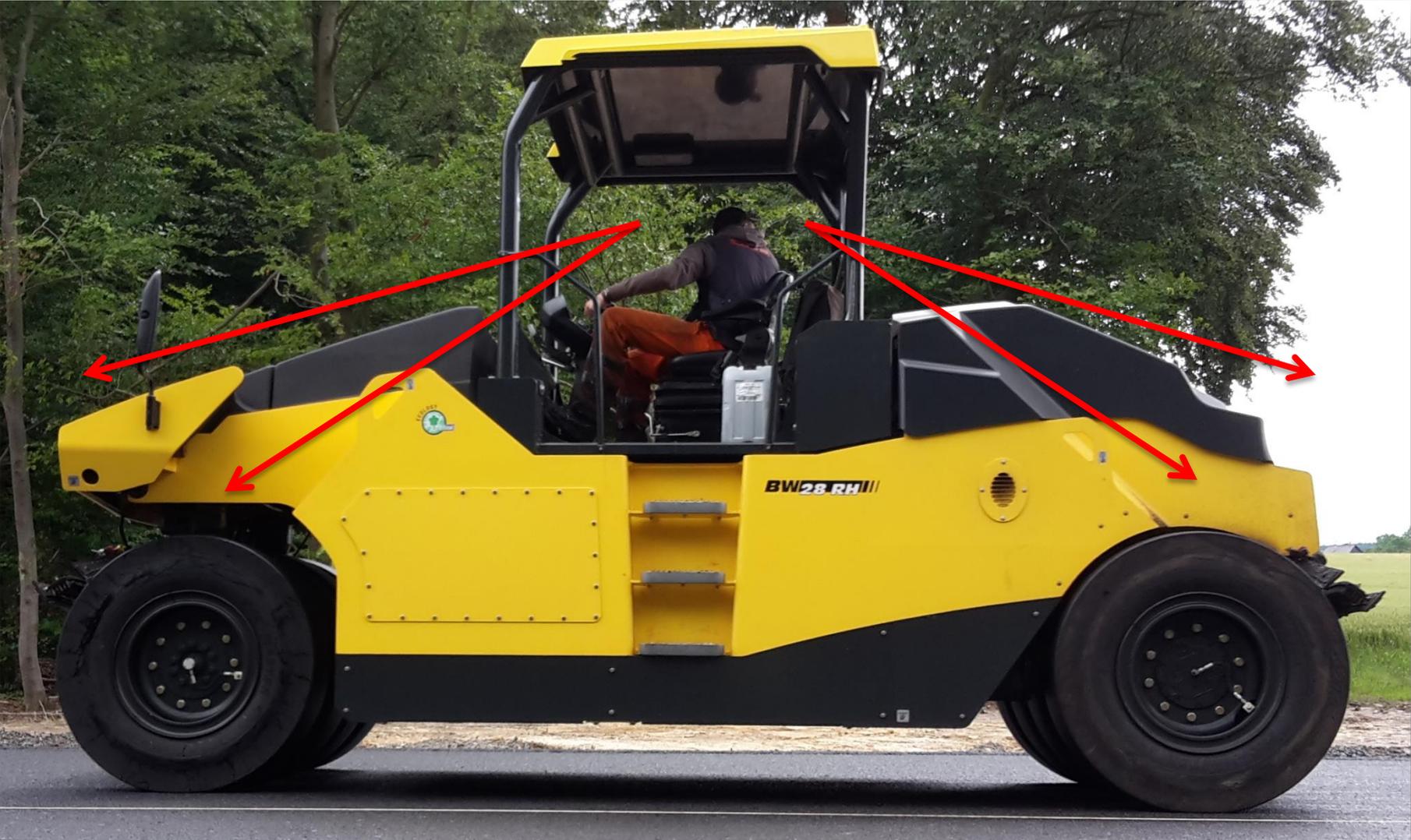
2017



Product Overview



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Product Overview



Maximum comfort & easy operatio



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Pneumatic Tyred Roller



BW 28 RH (Latest model)



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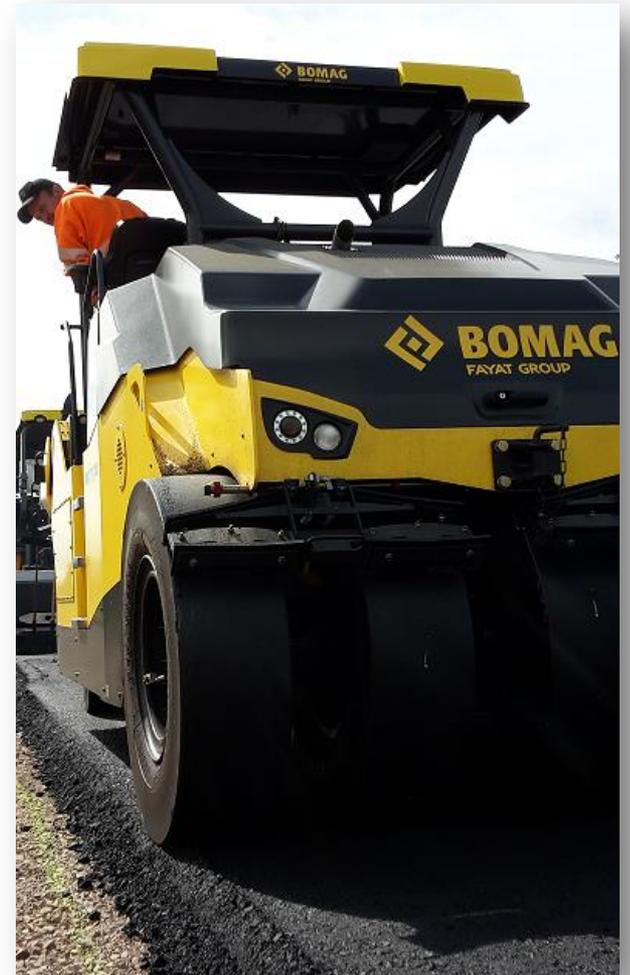
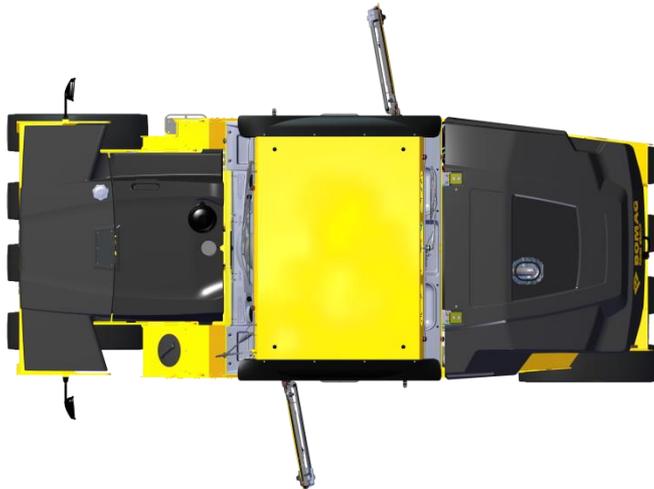
Application

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BOMAG	가	5 cm
	가	20 cm



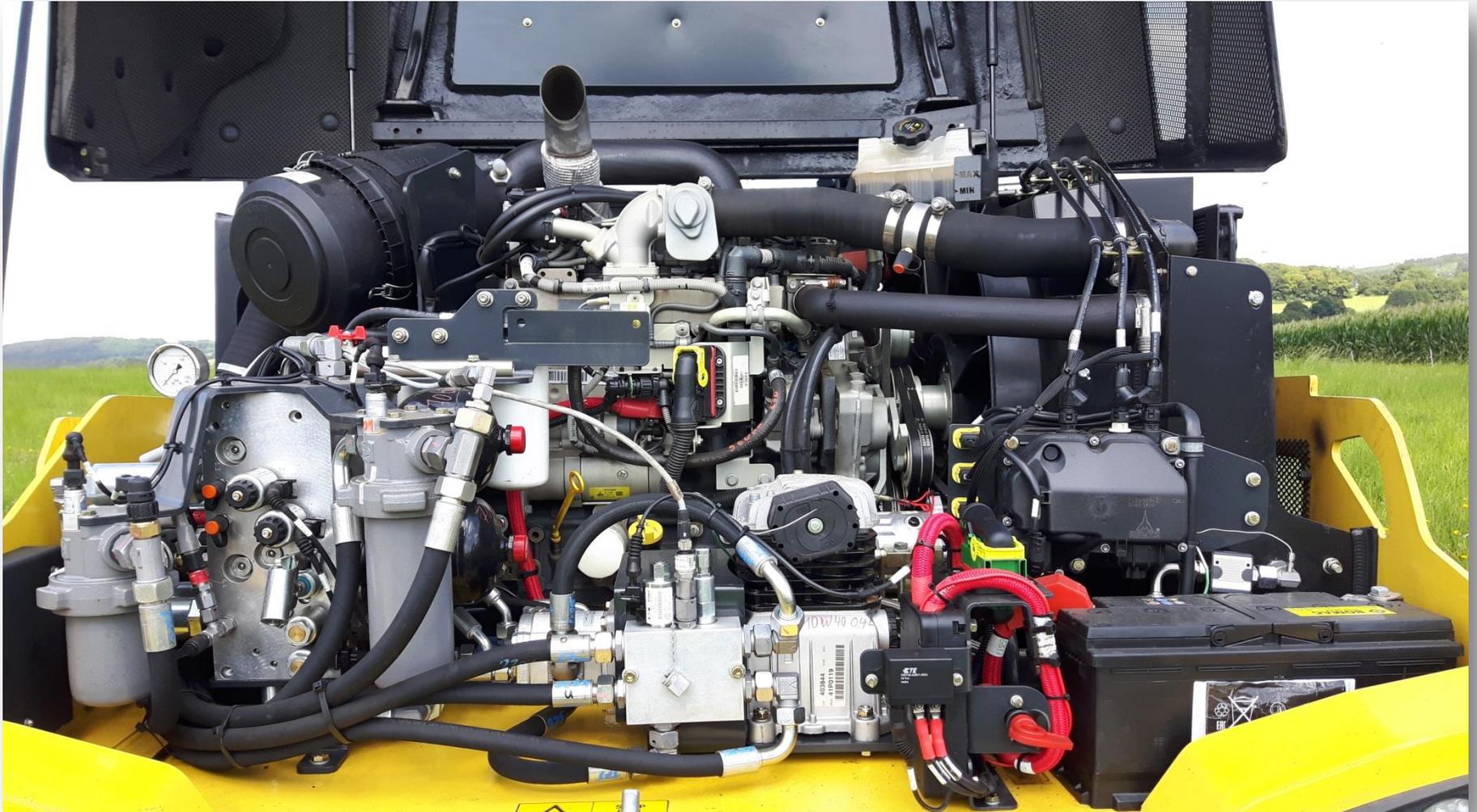
Static compaction

Rolling speed	
	3 – 4 km/h
	6 – 10 km/h



Product Overview

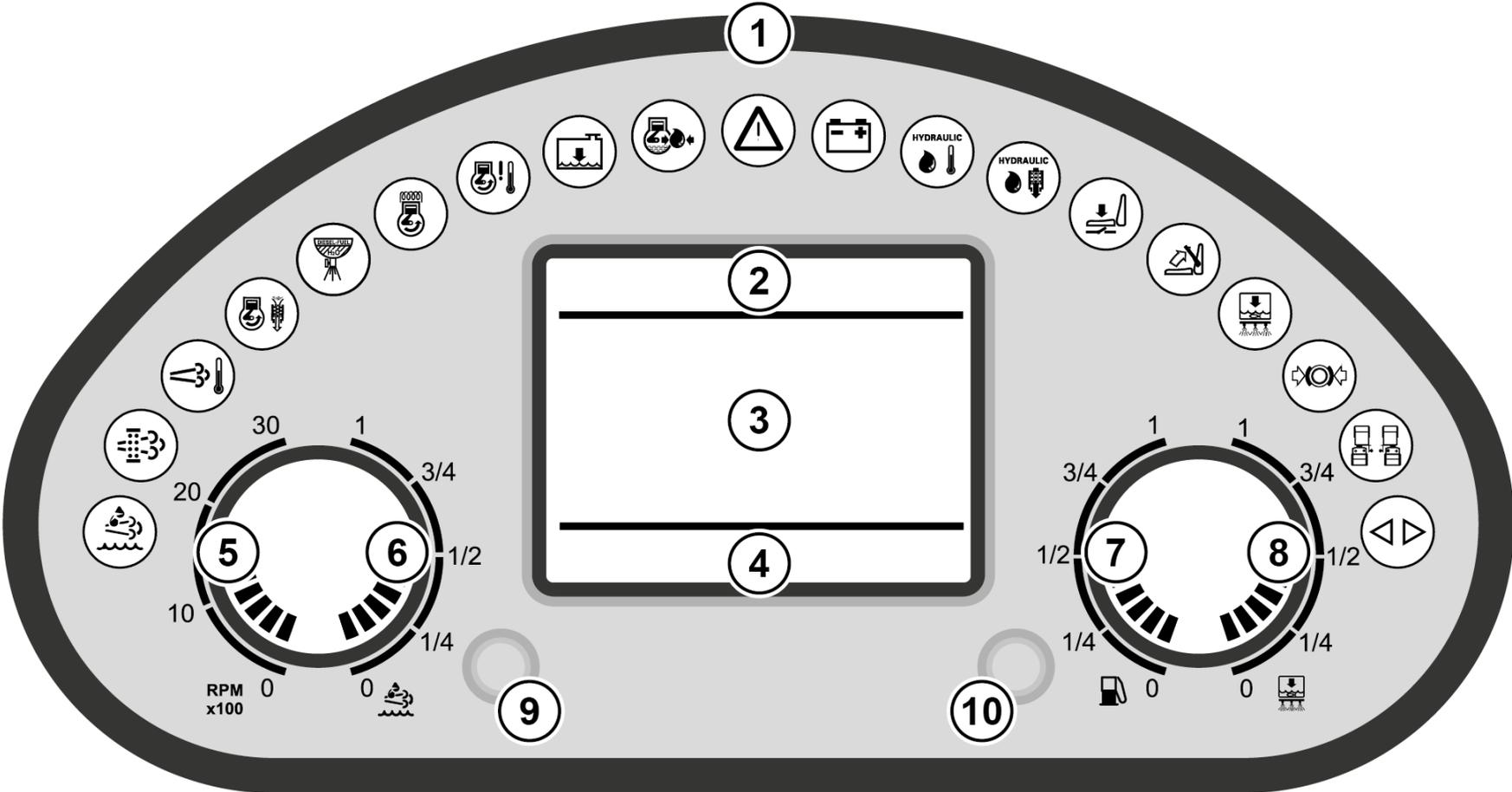
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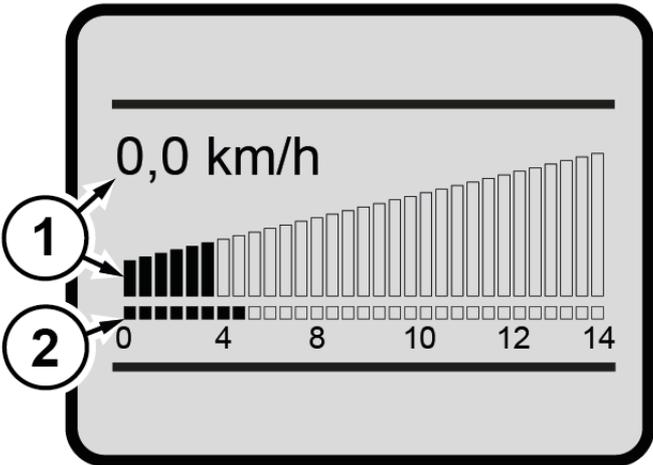


Display (!!)

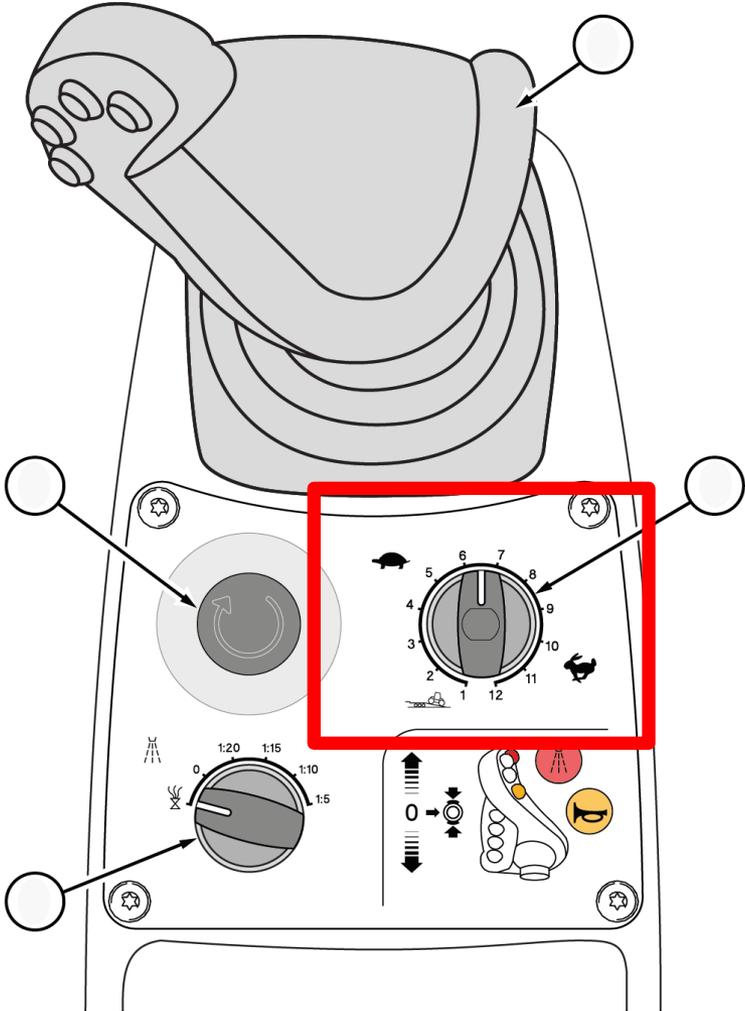


Product Overview

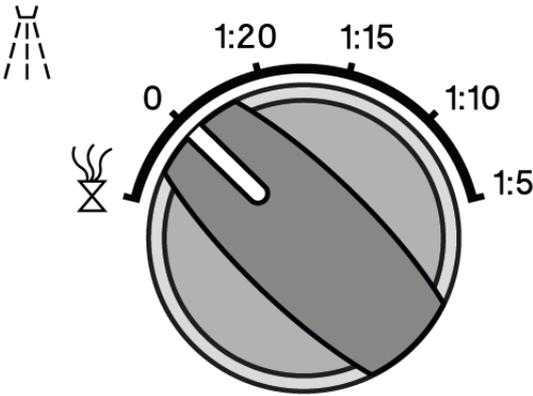
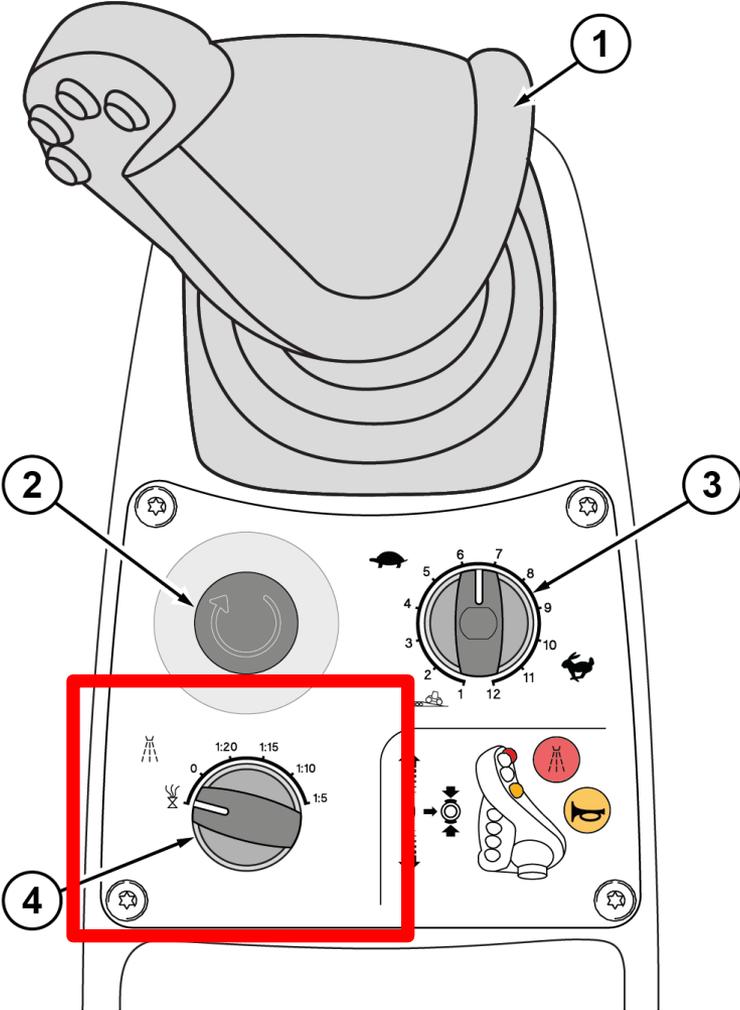
- 1 –
- 2 –



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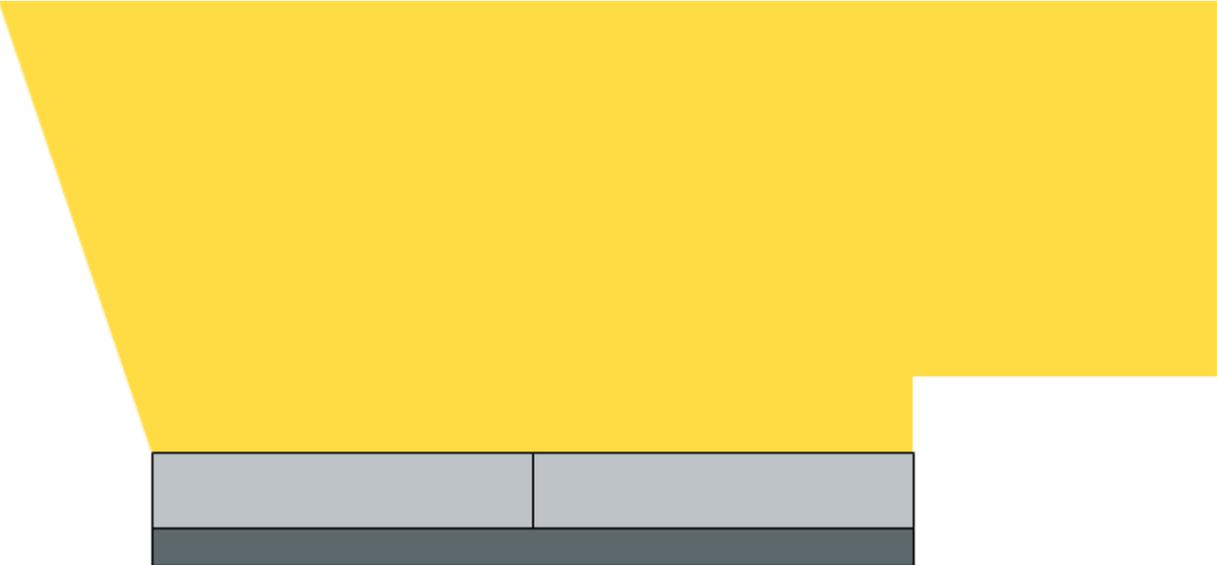


가 (,Emulsion)

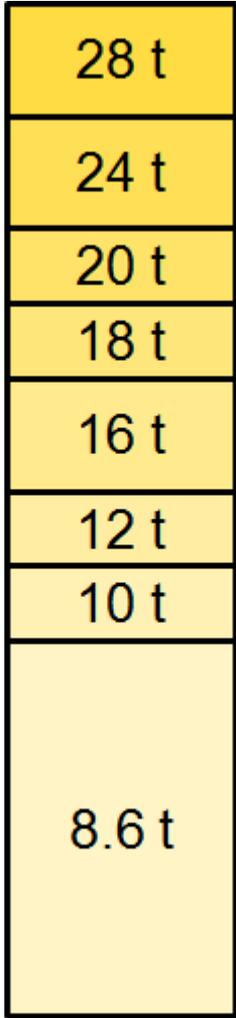


Product Overview

8~28 : 350 , 3000



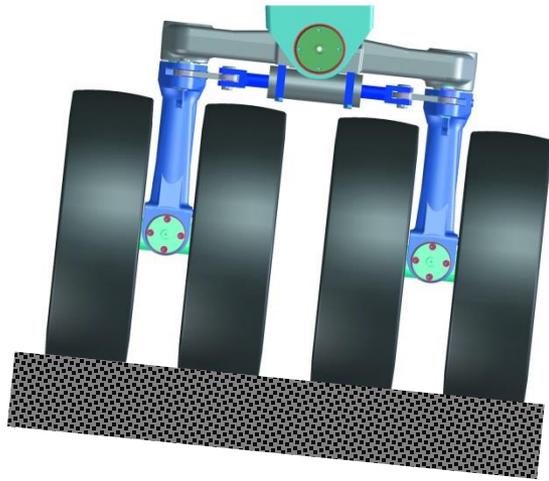
	Ballast room	3 m ³
	Concrete plates	4x 750 kg
	Steel plates	4x 1.500 kg
	Underfloor plate	2x 700 kg



Ballast room available

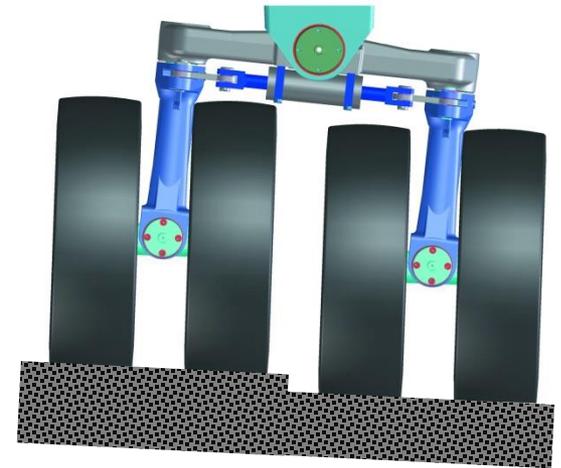
Why() 4x4

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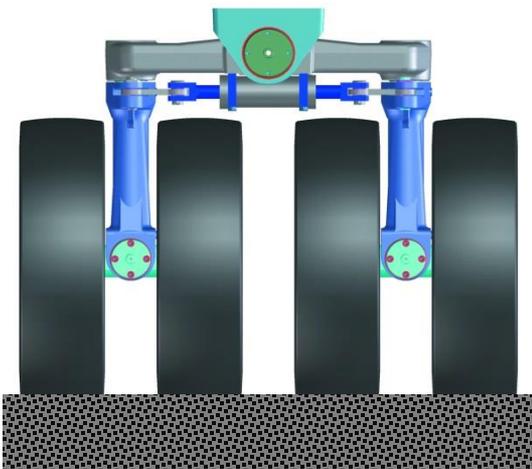
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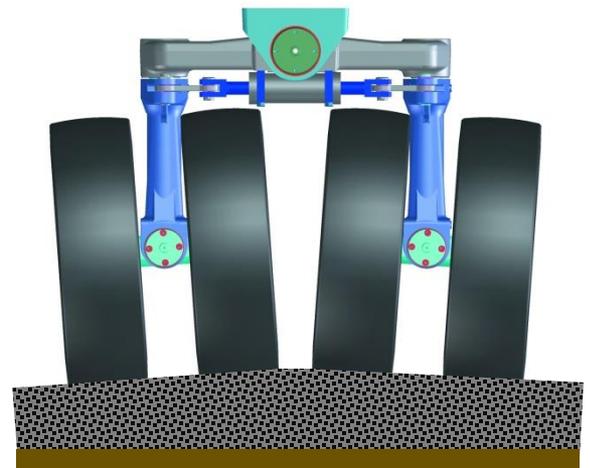
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() . Why 4 X 4

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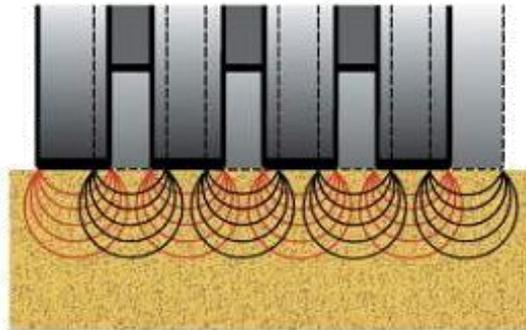
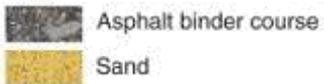
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Applications

- surface dressing
- precompaction of tender asphalt mixes
- finish rolling on asphalt
- thin granular soil layers
- surface finishing on cohesive soil layers

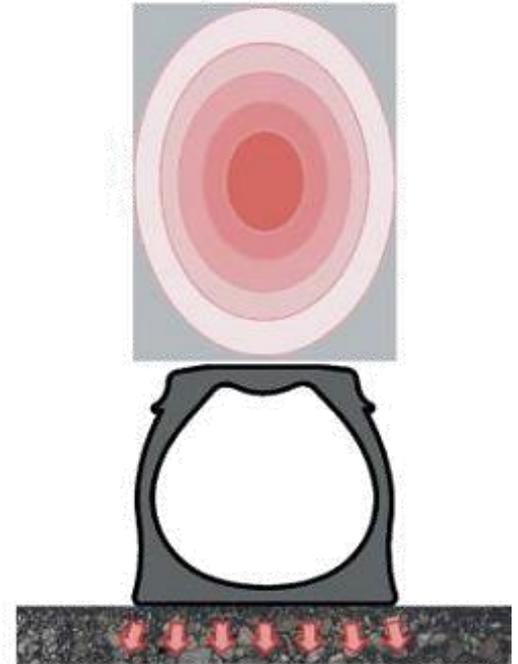


Compaction principle

ground pressure and kneading effect

Key parameters

- wheel load
- tyre pressure



contact pressure
range 0,20 - 0,80 MPa

0.20 ~0.80 MPa

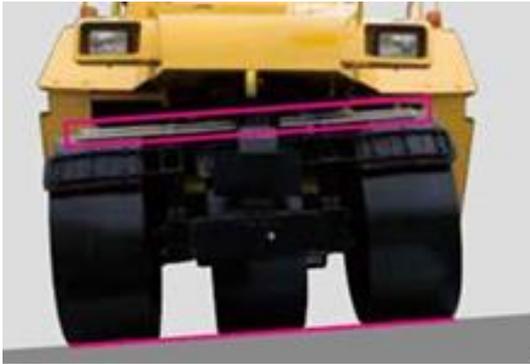
7 (3x4)

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7 (3x4)

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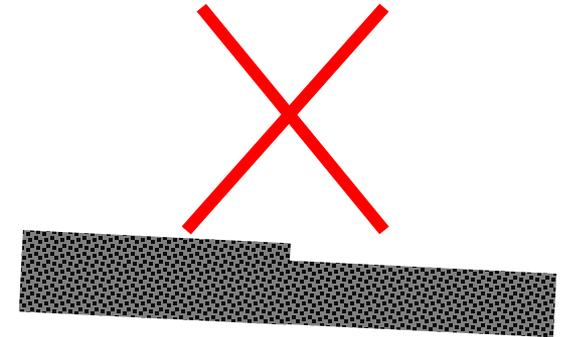
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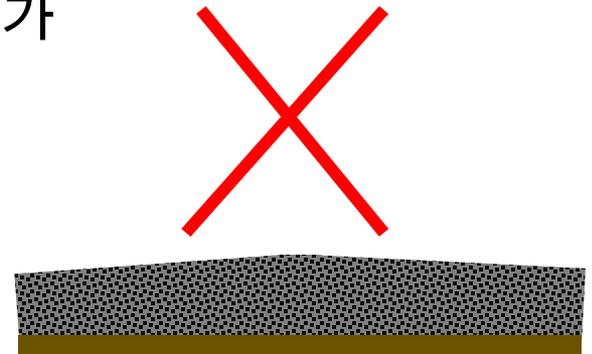
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Oscillation only

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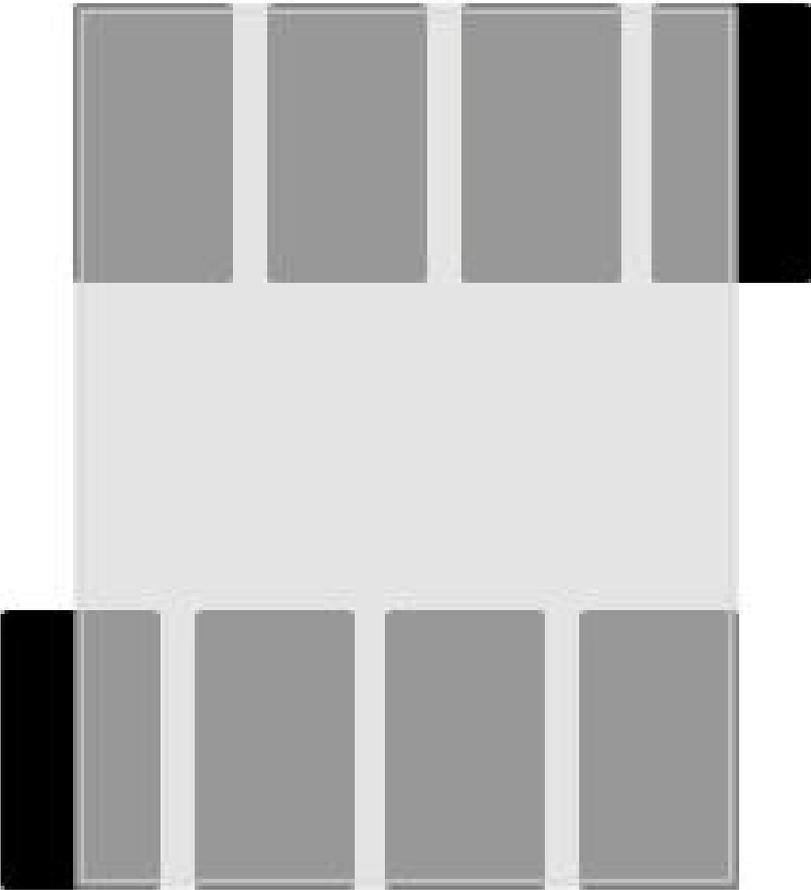


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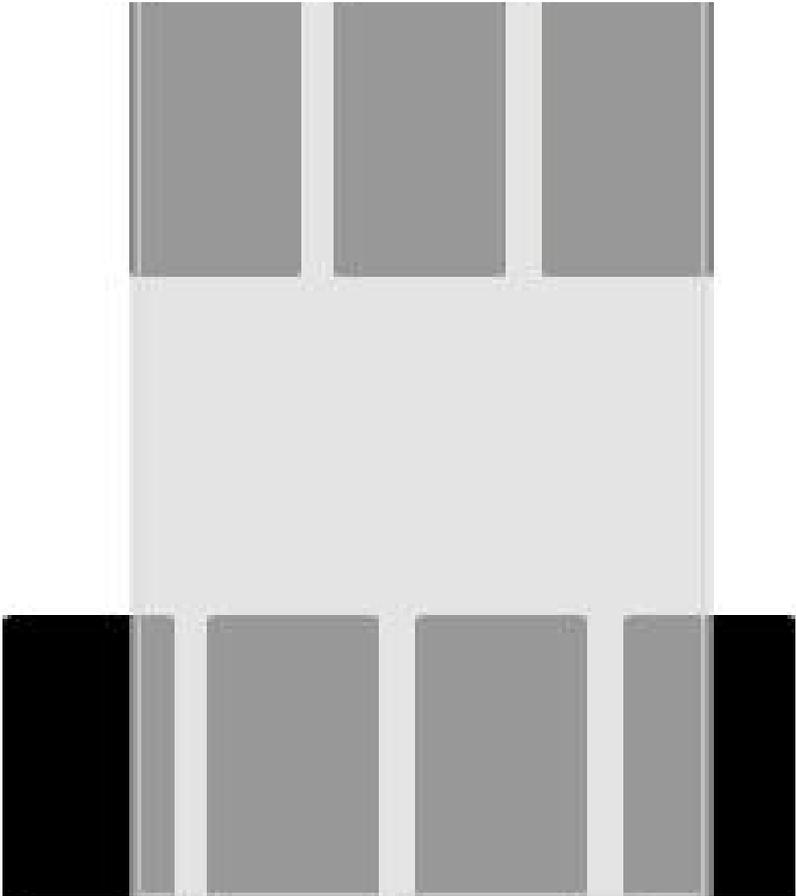


Comparison

BOMAG vs



: 2000 mm
: 75mm

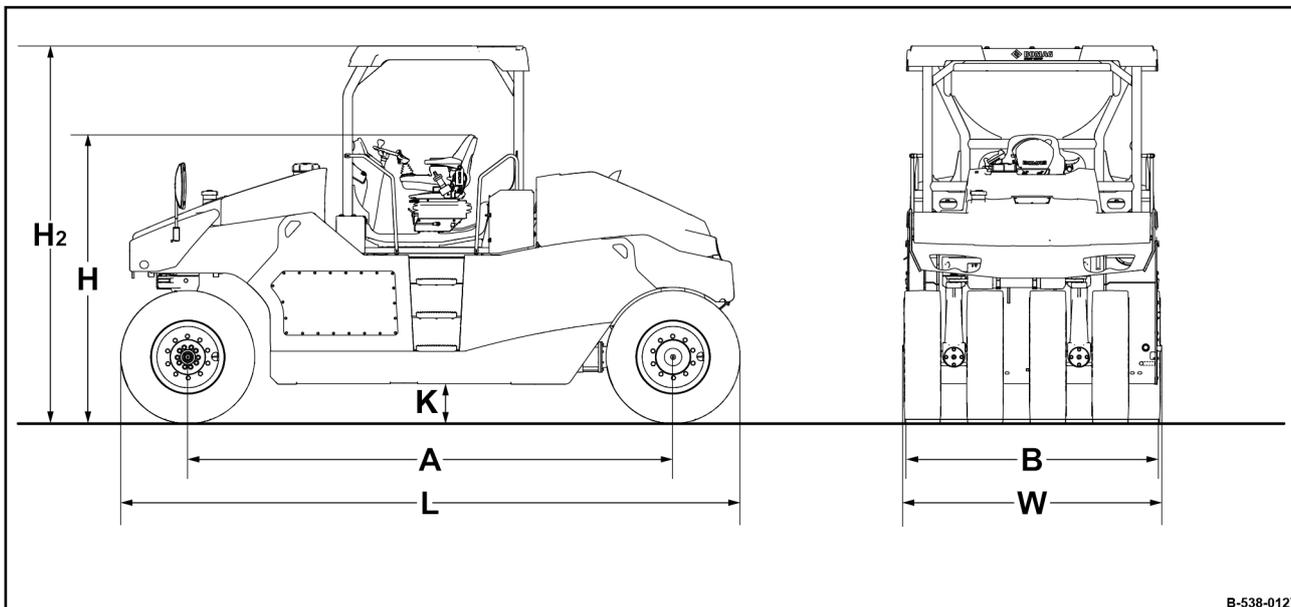


: 1625.60 mm
: 650mm

	BOMAG	SAKAI	Atlas Copco	CAT	
	11.00-20 18PR	14/70-20 12PR	13/80 R20	8.5/90*15	
	4 X 4	3 X 4	5 X 4	4 X 5	
	ü	û	ü	ü	
/	200 / 3300	91 / 3900	210 / 3415	173 / 3785	
	ü	ü	û	û	
(hp)	135	74	121	132	

Technical data()

Dimensions



B-538-0127

Fig. 1

A	B	H	H ₂	K	L	W
3875	2042	2287	2996	283	4945	2070
(152.6)	(80.4)	(90.0)	(118.0)	(11.1)	(194.7)	(81.5)

Dimensions in millimetres

(Dimensions in inch)

Dimensions

Width with thermal aprons (*optional equipment*)

2220 mm
(87.4 in)

Weights

Operating weight with ROPS (CECE)

8500 kg
(18739 lbs)

Operating weight with ROPS-cabin

8600 kg
(18960 lbs)

Technical data

Weights		
Max. operating weight	28000 (61729)	kg (lbs)
Max. mean wheel load (CECE)	3500 (7716)	kg (lbs)

Travel characteristics		
Max. travel speed	19 (12)	km/h (mph)
Max. gradability (depending on soil)	27	%

Drive 136		
Engine manufacturer	Deutz	
Type	TCD 3.6 L4	
Cooling	Fluid	
Number of cylinders	4	
Rated power ISO 14396	100kW, 135ps	100 kW
Rated speed	2000	min ⁻¹

Electric system		
Voltage	12	V

Brakes		
Service brake	hydrostatic	
Parking brake	Spring accumulator	

Steering		
Type of steering	2-point pivot	
Steering angle	+/- 30	°
Oscillation angle	+/- 6	°
Oscillation of front wheels	4	°
Level compensation	100 (3.9)	mm (in)

Technical data – Noise and vibration data

Steering		
Inner track radius (right hand/left hand turn)	6200/5700 (244.1/224.4)	mm (in)
Outer track radius (right hand/left hand turn)	8700/8700 (342.5/342.5)	mm (in)

Tyres		
Number of tyres front / rear	4 / 4	
Tyre size	11.00-20 18 PR	
Air pressure min. / max	2.0 - 8.0 (29 - 116)	bar (PSI)

Filling capacities		
Fuel (diesel)	200	200 (53) l (gal us)
Water	350 , 3000	350 (92) l (gal us)

1.1 Noise and vibration data

The following noise and vibration data were determined in accordance with the following guidelines under equipment specific conditions and by using harmonized standards:

- n EC Machine Directive edition 2006/42/EC
- n Noise Emission Directive 2000/14/EC, Noise Protection Directive 2003/10/EC
- n Vibration Protection Directive 2002/44/EC

During operation these values may vary because of the prevailing operating conditions.

1.1.1 Noise data

Sound pressure level at the operator's place

$L_{pA} = 73$ dB(A), determined acc. to ISO 11204 and EN 500.

Guaranteed sound power level

$L_{WA} = 104$ dB(A), determined acc. to ISO 3744 and EN 500

THNAK YOU .

