

Technical Data

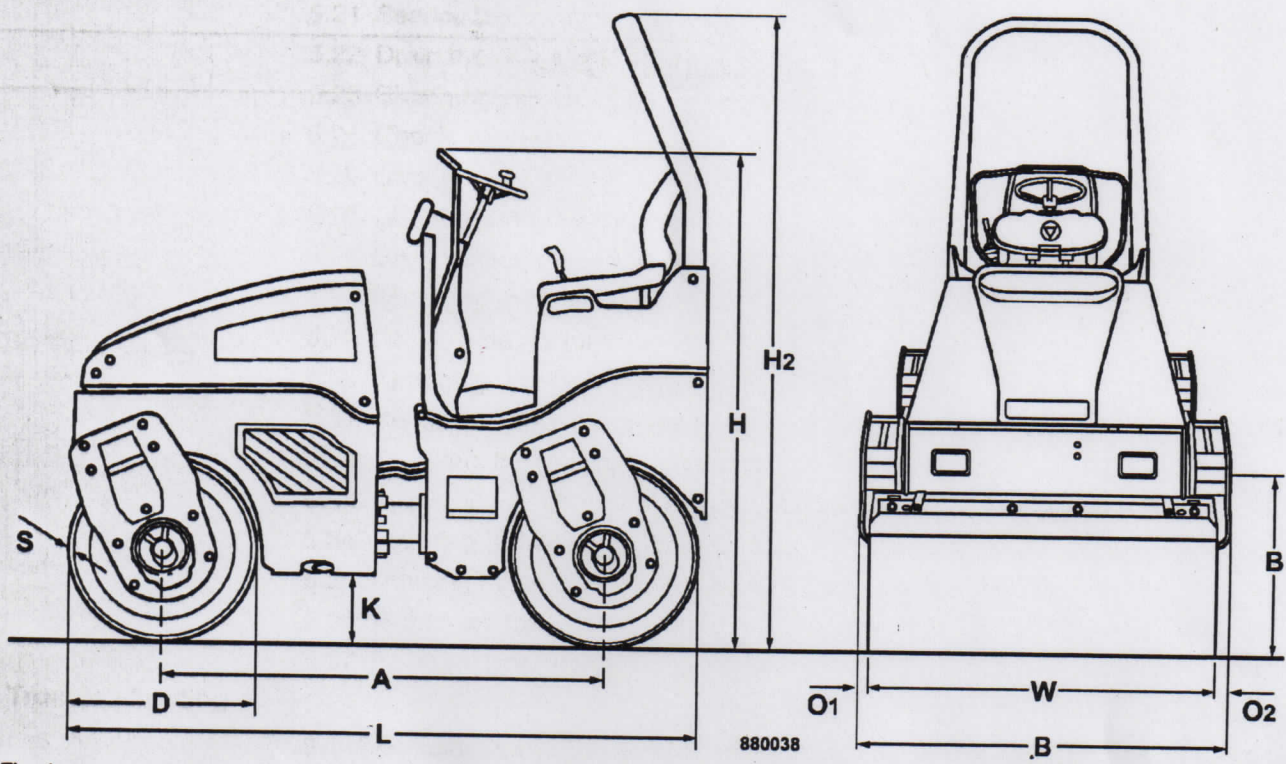


Fig. 4

Dimensions in mm	A	B	D	H	H2	K	L	W
BW 100 AD-4	1728	1076	700	1800	2475	255	2475	1000
BW 120 AD-4	1728	1276	700	1800	2475	255	2475	1200

BW 100 AD-4

BW 120 AD-4

Weights

Basic weight with ROPS	kg	2220	2390
Operating weight (CECE)	kg	2416	2586
Mean axle load (CECE)	kg	1208	1293
Mean static linear load (CECE)	kg/cm	11,8	10,8

Dimensions

Oscillation angle	+/-°	12	12
Inner track radius	mm	2720	2620

Technical Data

The following noise and vibration values according to the EC-directive for machines, edition (98/37/EEC) and the noise emission regulation 2000/14/EC were measured at nominal engine speed and with the vibration switched on. The machine was standing on an elastic base.

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

Noise value

The sound level according to enclosure 1, paragraph 1.7.4. f of the EC-machine regulation is **sound pressure level at the work place of the operator (with cabin):**

BW 100 AD-4

$L_{pA} = 85,3 \text{ dB(A)}$

BW 100 AC-4

$L_{pA} = \text{dB(A)}$

BW 120 AD-4

$L_{pA} = 83,6 \text{ dB(A)}$

BW 120 AC-4

$L_{pA} = 83,2 \text{ dB (A)}$

The noise emission value for the machine according to the noise emission regulation 2000/14/EG is **guaranteed sound capacity level of the machine:**

BW 100 AD-4

$L_{WA} = 106 \text{ dB(A)}$

BW 100 AC-4

$L_{WA} = \text{dB(A)}$

BW 120 AD-4

$L_{WA} = 106 \text{ dB(A)}$

BW 120 AC-4

$L_{WA} = 106 \text{ dB(A)}$

These sound values were determined according to ISO 3744 for the sound capacity level (L_{WA}) and ISO 11204 for sound pressure level (L_{pA}) at the place of the operator.

Vibration value

The vibration values according to enclosure 1, paragraph 3. 6. 3. a of the EC-machine regulation are:

Vibration of the entire body (driver's seat)

The weighted effective acceleration value determined according to ISO 7096, is $\leq 0,5 \text{ m/sec}^2$.

Hand-arm vibration values

Der The weighted effective acceleration value determined according to EN 500/ISO 5349, is $\leq 2,5 \text{ m/sec}^2$.

Technical Data

		BW 100 AD-4	BW 120 AD-4
Travel characteristics			
Travel speed	km/h	0 - 12	0 - 12
Working speed	km/h	0 - 7	0 - 7
Max. gradability/with vibration (soil dependent)	%	40/30	40/30
Drive			
Engine manufacturer		Kubota	Kubota
Type		D 1703 MDI	D 1703 MDI
Cooling		Water	Water
Number of cylinders		3	3
Rated power ISO 9249	kW	25,2	25,2
Engine speed 1/2	rpm	2200/2700	2200/2700
Fuel tank capacity (diesel)	l	40	40
Electrical equipment	V	12	12
Battery	V/AH	12/88	12/88
Drive system		hydrost.	hydrost.
Driven axles		front+rear	front+rear
Brakes			
Service brake		hydrost.	hydrost.
Parking brake		hydro-mechanical	hydro-mechanical
Steering			
Type of steering		Oscill.-articul.	Oscill.-articul.
Steering operation		hydrost.	hydrost.
Vibration system			
Drive system		hydrost.	hydrost.
Frequency 1/2	Hz	55/67	55/67
Amplitude	mm	0,53	0,51
Vibrating drum		front+rear	front+rear
Water sprinkler system			
Type		Gravity feed	Gravity feed
Interval control		**	***
Water tank capacity	l	220	220

* The right for technical modifications remains reserved
 ** Optional equipment
 *** Optional equipment