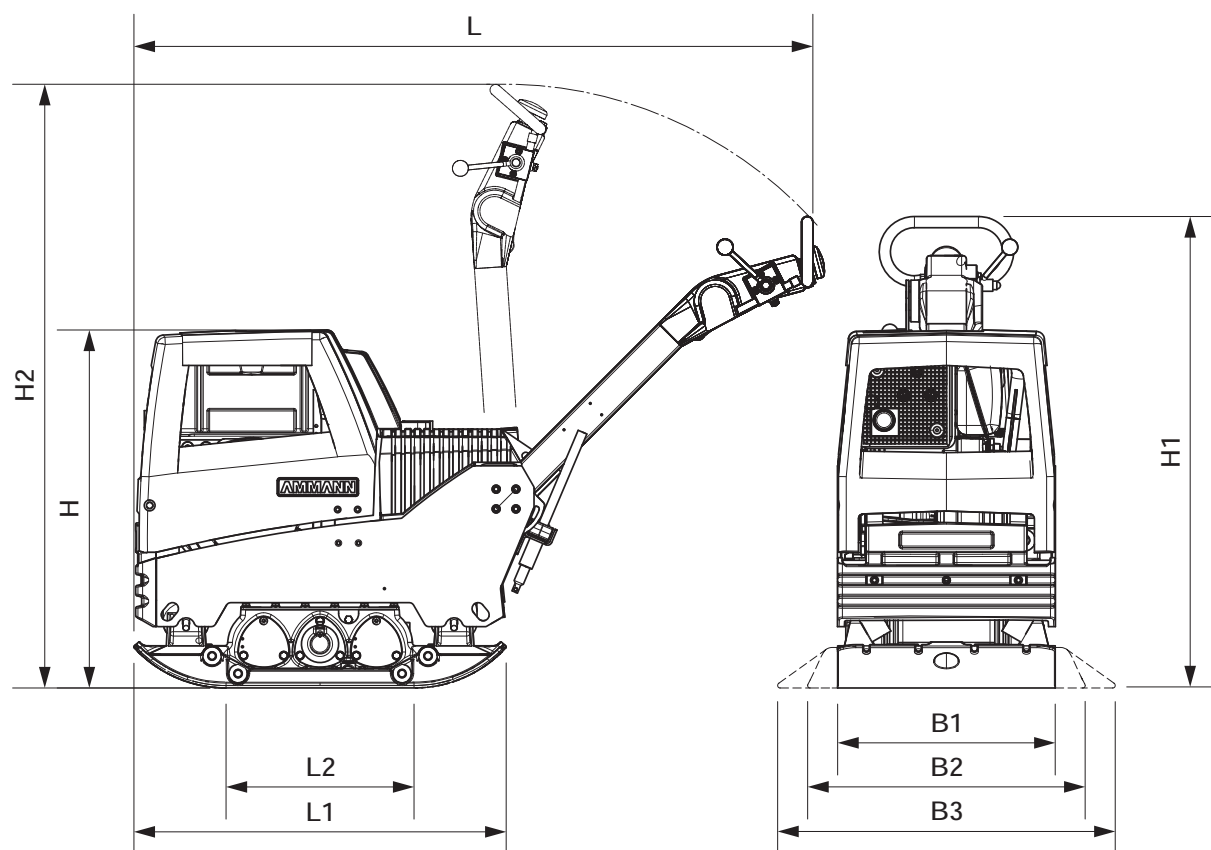


2. Technical data



	APH 6530 ACEforce	APH 100-20 ACEforce
1. Dimensions		
Length L	1840 mm	1965 mm
Length L1	930 mm	1070 mm
Length L2	470 mm	520 mm
Height H	870 mm	900 mm
Height H1	ca. 1000 mm	
Height H2	ca. 1500 mm	
Working width, base unit B1	550 mm	650 mm
w. mount. brackets 75 mm B2	700 mm	800 mm
w. mount. brackets 150 mm B3	850 mm	950 mm
2. Weights		
Base unit	514 kg	685 kg
w. mount. brackets 75 mm	538 kg	714 kg
w. mount. brackets 150 mm	550 kg	737 kg
3. Drive		
Engine	HATZ 1D81 S	HATZ 1D90 S
Type	1-cylinder, four-stroke diesel	
Power output	10,1 kW (13,7 hp)	10,9 kW (14,8 hp)
Speed	3000 1/min	3000 1/min
Cooling	Air	
Fuel capacity	7 ℓ	10 ℓ
Fuel consumption	2,5 ℓ /h	
max. sloping position	30°	
max. grade ability	36 %	

2. Technical data

	APH 6530 ACEforce	APH 100-20 ACEforce
Drive	hydraulic	
Control (forward/reverse)	hydraulic	
4. Operating speed		
	0 - 37 m/min	0 - 28 m/min
5. Vibration		
Centrifugal power	65 kN	80 kN
Vibration frequency	55 Hz	40 Hz
6. Superficial power		
Base unit w. mount. brackets 75 mm w. mount. brackets 150 mm	up to 1056 m²/h up to 1344 m²/h up to 1632 m²/h	up to 1090 m²/h up to 1350 m²/h up to 1600 m²/h
7. Noise and vibration data		
The following noise and vibration data according to EC Machinery Directive in the version (2006/42/EC), was determined, taking into account the following standards and directives. In operational use, values can deviate depending on the prevailing conditions.		
7.1 Noise data ¹⁾ The noise data specified in Appendix 1, sub-clause 1.7.4.u of the EC Machinery Directive is for:		
Sound pressure level at the workplace L _{PA}	95,0 dB	93,3 dB
Measured sound power level L _{WA,m}	107 dB	
Guaranteed sound power level L _{WA,g}	109 dB	
The noise values were determined, taking into account the following directives and standards: Directive 2000/14/EC / EN ISO 3744 / EN 500-4		
7.2 Vibration data Hand/arm vibration values according to Appendix 1, sub-clause 3.6.3.1 of the EC Machinery Directive:		
Total vibration value of the acceleration a _{hv}	6.4 m/s ²	8.4 m/s ²
Uncertainty K	1.0 m/s ²	
The acceleration value was determined, taking into account the following directives and standards: EN 500-4 / DIN EN ISO 5349		



¹⁾As the permissible rating sound level of 85 dB (A) can be exceeded by this machine, operators must wear hearing protectors.