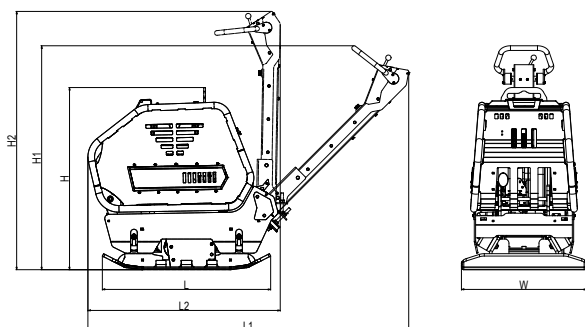


QUEEN SERIES

SUPER HEAVYWEIGHT PLATES OVER 500 KG

The Queen series, the crown jewel of our guided vibratory plates range. Despite the high performance comparable to large soil rollers, these machines retain their elegance, compact dimensions and great maneuvering potential.





TYPE	Machine dimensions (mm)						
VDR 75HE	H	H1	H2	L	L1	L2	W
	1090	1140	1630	1010	2250	1350	750

TECHNICAL PARAMETERS

OPERATIONAL PARAMETERS

Operational weight	[kg]	615
Plate dimensions (W x L)	[mm]	750 x 1010
Centrifugal force	[kN]	75
Frequency	[Hz]	68
Amplitude	[mm]	2
Maximal speed	[m/min]	26
Climbability	[%]	30
Electric start	[-]	Yes

ENGINE

Maker and type	Hatz	1 D 81
Fuel	[-]	Diesel
Net power (3600 r./min)	[kW]	10,1
Emission class	[-]	EU Stage V

OPERATIONAL FLUIDS

Fuel tank capacity (diesel)	[l]	10
Engine oil capacity (10W30)	[l]	1,9
Hydraulic oil capacity (OH-HV 68)	[l]	0,28
Exciter oil capacity (10W30)	[l]	1

TECHNICAL PARAMETERS

HYGIENE PARAMETERS

Noise level $L_{pA,d}$	[dB]	94+2
Noise level $L_{WA,g}$	[dB]	109
Vibration a_{hvd}	[m/s ²]	7,6+3,1

FEATURES

- Frame design
- Folding handle
- Central lifting eye
- Three-staged vibration reduction
- Handling points on all sides of the machine
- Rounded edges of the plate
- Trottle lever on the handle
- Electric start

OPTIONAL ACCESSORIES

- Hour counter ☐