DPU6555

Reversible Vibratory Plates

Unbeatable on any subsurface

Thanks to its enormous compaction force combined with a quick forward and reverse travel, the DPU6555 offers an extremely high level of productivity. It is an all-rounder for all job sites where extreme demands are placed on the performance efficiency of a unit. In addition, it offers excellent characteristics in terms of service life and operating comfort. Optimal application areas are the compaction of frost coverings and base layers in street, path and parking lot construction as well as backfilling buildings. Thanks to a frequency of 69 Hz, the DPU6555 is universally applicable and even reliably compacts heavy interlocking paving stones. The model version DPU6555Hec is equipped with Compatec, the compaction control by Wacker Neuson.

- The new center pole reduces hand-arm vibration (HAV) to a minimum and therefore offers a high level of operating comfort at full compaction performance. No restriction for the time of operation and no documentation effort.
- A dead man function prevents the operator from being trapped between the equipment and an object when working in reverse.
- All maintenance points are quickly and easily accessible. Extensive comfort functions: such as low oil shutdown, self-tightening V-belt, maintenance-free alternator, pull-out external jump-start connection that is accessible from outside.

- A narrower frame is optionally available. The compact dimensions facilitate application in tight spaces.
- Compatec: Easy-to-read display of the relative compaction progress. Warning for overload and over-compaction. Brightness adjustment of the lights to the ambient light. Extremely sturdy and reliable.

DPU6555 Technical specifications

	DPU6555H	DPU6555He	DPU6555Hec	DPU6555Heap
Operating data				
Operating weight kg	480	495	497	518
Centrifugal force kN	65	65	65	65
Base plate size (W x L) mm	550 x 900	550 x 900	550 x 900	550 x 900
Base plate thickness mm	12	12	12	12
Height (ground clearance) mm	861	861	861	861
Operating width (with extension plates) mm	710	710	710	860
Frequency Hz	69	69	69	69
Hand-arm vibrations m/s^2	< 2.5	< 2.5	< 2.5	< 2.5
Advance travel max. (dependent on soil and environmental influences) m/min	28	28	28	28
Surface capacity max. (dependent on soil and environmental influences) m^2/h	1,200	1,200	1,200	1,445
Gradeability %	46.6	46.6	46.6	46.6
Transport height mm	1,521	1,521	1,521	1,521
Transport length mm	1,060	1,060	1,060	1,060
Transport width mm	780	780	780	780
Shipping weight kg	484	501	502	530
Engine / Motor				
Engine / Motor type	Air-cooled single cylinder four-cycle diesel engine	Air-cooled single cylinder four-cycle diesel engine	Air-cooled single cylinder four-cycle diesel engine	Air-cooled single cylinder four-cycle diesel engine
Engine / Motor manufacturer	Hatz	Hatz	Hatz	Hatz
Engine / Motor	1D81S	1D81S	1D81S	1D81S
Displacement cm^3	667	667	667	667
Engine performance max. (DIN ISO 3046 IFN) kW	10.1	10.1	10.1	10.1
at rpm rpm	3,600	3,600	3,600	3,600
Engine performance (rated power) (DIN ISO 3046 IFN) kW	9.6	9.6	9.6	9.6
at rpm rpm	2,800	2,800	2,800	2,800
Operating performance (DIN ISO 3046 IFN) kW	6.8	6.8	6.8	6.8
at rpm rpm	3,010	3,010	3,010	3,010
Fuel consumption l/h	1.9	1.9	1.9	1.9
Fuel tank capacity l	6	6	6	6
Power transmission	From the drive motor via centrifugal clutch and V-belt directly to the exciter.	From the drive motor via centrifugal clutch and V-belt directly to the exciter.	From the drive motor via centrifugal clutch and V-belt directly to the exciter.	From the drive motor via centrifugal clutch and V-belt directly to the exciter.

	DPU6555H	DPU6555He	DPU6555Hec	DPU6555Heap
Fuel type	Diesel	Diesel	Diesel	Diesel