

# DPU90

## Reversible Vibratory Plates



**WACKER  
NEUSON**  
*all it takes!*



### High frequency for sandy soils

The DPU90 vibratory plate is the specialist in compacting sandy soils. The base plate is sturdy, light and has an excellent rate of travel. Together with the high vibration frequency of 62 Hz, even soils with a high proportion of sand can be optimally compacted. Built to be sturdy and functional, the DPU90 is reliably deployable. Center pole quick lowering and reset via foot lever, as well as directional change via stirrup-shaped handle, provide a high level of operating comfort. The DPU90 is a model from our 80 to 130 kN range of powerful heavy vibratory plates.

- Powerful, optimally designed vibratory plate
- Intelligent water-cooled engine for ambient temperatures up to 50°C.
- No documentation requirement thanks to low hand-arm vibrations (HAV) below 2.5 m/s<sup>2</sup>
- Very comfortable for the operator
- Compamatic: additional compaction control, conveniently from your desk (accessories for machines with compatec)

## DPU90 Technical specifications

	DPU90Lec670	DPU90Lec770
<b>Operating data</b>		
Operating weight kg	756	771
Centrifugal force kN	90	90
Base plate width mm	670	770
Base plate length mm	1,182	1,182
Base plate thickness mm	14	14
Height (vertical clearance) mm	830	830
Operating width mm	670	770
Frequency Hz	63	63
Hand-arm vibrations m/s <sup>2</sup>	< 2.5	< 2.5
Advance travel max. (dependent on the ground and environmental influences) m/min	30	30
Surface capacity max. (dependent on the ground and environmental influences) m <sup>2</sup> /h	1,206	1,386
Transport height mm	1,670	1,670
Transport length mm	1,515	1,515
Transport width mm	850	850
Shipping weight kg	791	791
<b>Engine / Motor</b>		
Engine / Motor type	Water-cooled 2-cylinder diesel four-cycle engine	Water-cooled 2-cylinder diesel four-cycle engine
Engine / Motor manufacturer	Kohler	Kohler
Engine / Motor	KDW702	KDW702
Displacement cm <sup>3</sup>	686	686
Engine performance max. (DIN ISO 3046 IFN) kW	11.7	11.7
at rpm rpm	3,600	3,600
Engine performance (power rating) (DIN ISO 3046 IFN) kW	11.7	11.7
at rpm rpm	3,350	3,350
Fuel tank capacity l	7.2	7.2
Permissible tilt °	25	25
Power transmission	Hydrostatic	Hydrostatic
Fuel type	Diesel	Diesel
CO <sub>2</sub> (NRSC) * g/kWh	933	933

Selectable options: Compatec machine protection sensor (overload protection) – compaction control (incl. machine protection sensor) \*Determined value of CO<sub>2</sub> emission during engine certification without consideration of the application on the machine.

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.  
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