DPU110

Reversible Vibratory Plates

DPU110: Uncompromisingly functional

The most powerful vibratory plate with center pole on the market comes from Wacker Neuson - the specialist in matters of compaction. Many well thought out and intelligent features provide the pure functionality of the DPU110. The two-piece hood with a steel tube frame and detachable side panels offer a convenient maintenance access. The robust construction design provides a long-service life and great operation results. Low hand-arm vibrations of less than 2.5m² provide an operator-friendly ease of use. This is far below documentation requirements which allows an unlimited operation. With the DPU110 and four other models between 80 and 110 kN Wacker Neuson offers the most powerful series of heavy vibratory plates.

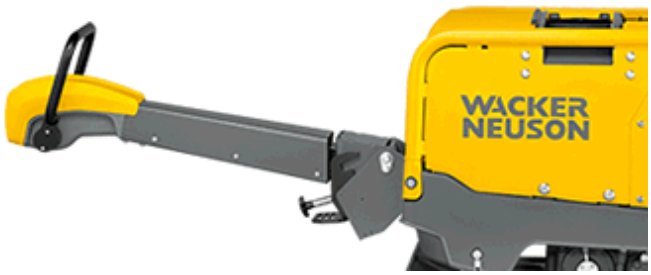
- Powerful and optimally designed vibratory plate
- Available in two widths: 870 and 970 mm
- Intelligent water-cooled engine designed for ambient temperatures up to 45°C
- No documentation requirements due to an exceptionally low hand-arm vibration under 2.5m²
- Available either with remote control or as center pole version

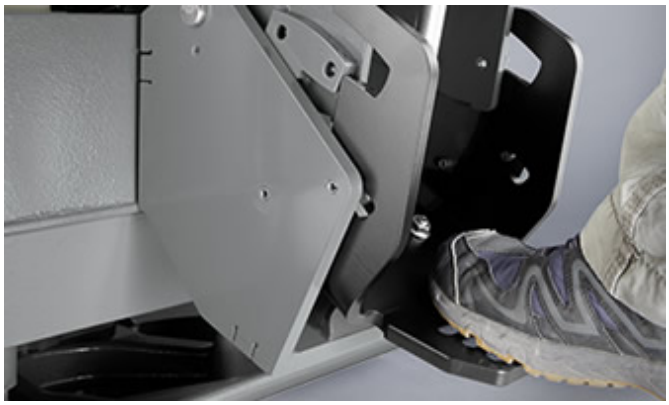
First-class compaction performance
• Individually controllable compaction performance, optimized adaptation to the soil being compacted
• Water-cooled engine, optimized for the plate's requirements
• Stable base plate: very good rate of advance for fast compaction and optimum results

Optimal dimensions
• Adapted to individual requirements: available in two operating widths, 870 or 970 mm
• Only 830 mm high: low design due to transversly mounted engine - ideal for operation in confined areas, such as in trenches

High operating comfort

No documentation requirements due to hand-arm vibrations below 2.5 m²

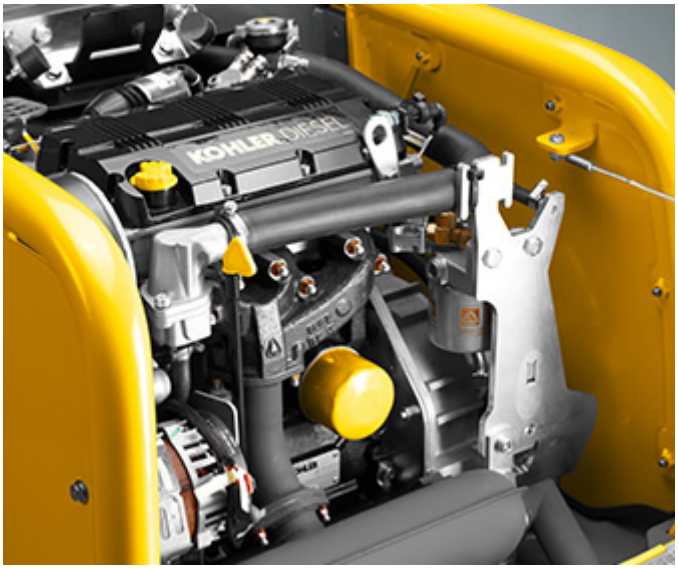




Very user-friendly: quick lowering and reset of the center pole via foot pedal

• easy change of direction by turning the stirrup handle
• Intuitive controls, no training necessary
• All controls are recessed in the center pole head and thus protected from damage

Ecological & sustainable
• The water-cooled engine meets all emission regulations future-proof and allows operation at extrem temperatures
• Water-cooling provides extremely long engine service life even with long-term operations
• Way below the noise exposure limits - that protects the environment and operator



Extremely robust design
• The steel tube frame and steel cover sheets make the DPU110 very robust and protected against damage
• The side panels are detachable
• Durable and very stable design

Safety

• Tie-down options similar to those of large equipment allow an optimal securing during transport

• The lifting eye is turned by 90 degrees and thus provides better protection of hood and center pole when being lifted.
• Center pole and control elements cannot collide with the excavator arm when being transported.

• Operator safety: If the operator releases the center pole the vibratory plate continuous vibrating but remains in place (on-the-spot vibration)

Maintenance and Service
• 100% service access with a few easy steps
• Detachable side panels
• Hood can be fully opened
• Long service intervals due to large external air filter

• Easy to clean base design without the risk of damaging hydraulic hoses

Intelligent equipment protection

• Black box allows communication between man and machine
• Operating displays provide information on overload protection and error logs
• Individual configurations possible
• Theft protection via PIN set

• Optionally available with shutdown at overcompaction or Compatec - a display which indicates the degree of compaction.

Technical specifications

	DPU110Lem870	DPU110Lem970
Operating data		
Operating weight kg	813	830
Centrifugal force kN	110	110
Base plate width mm	870	970
Base plate length mm	1,183	1,183
Base plate thickness mm	14	14
Height (ground clearance) mm	830	830
Operating width mm	870	970
Frequency Hz	60	60
Hand-arm vibrations m/s²	1	1
Advance travel max. (dependent on soil and environmental influences) m/min	30	30
Surface capacity max. (dependent on soil and environmental influences) m²/h	1,566	1,746
Transport height mm	1,670	1,670
Transport length mm	1,515	1,515
Transport width mm	1,050	1,050
Shipping weight kg	836	853
Engine / Motor		
Engine / Motor type	Water-cooled 3-cylinder 4-stroke diesel engine	Water-cooled 3-cylinder 4-stroke diesel engine
Engine / Motor manufacturer	Kohler	Kohler
Engine / Motor	KDW1003	KDW1003
Displacement cm³	1,028	1,028
Engine performance (rated power) (DIN ISO 3046 IFN) kW	16	16
at rpm rpm	2,700	2,700
Operating performance (DIN ISO 3046 IFN) kW	12	12
at rpm rpm	2,700	2,700
Fuel consumption l/h	3.3	3.3
Fuel tank capacity l	11.2	11.2
Permissible tilt °	25	25
Power transmission	Hydrostatic	Hydrostatic
Fuel type	Diesel	Diesel

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.