



DPU110r

Reversible Vibratory Plates



DPU110r: Remote Control is the future of heavy vibratory plates.

An innovative exciter control technique enables the plate to be sensitively controlled without any rate of advance reduction. This offers a maximum ease of use for the operator and enables precise steering control. The safe distance to the machine protects the operator from noise and exhaust emissions. The infrared remote control additionally provides optimum safety. The vibratory plate is instantly turned off at loss of visual contact. As one of five models the DPU110r belongs to the most powerful heavy vibratory plates of its class.

- 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
- 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 construction design due to transversely mounted engine - ideal for operation in confined areas, such as in trenches



Remote Control for great user comfort



- Precise and continuously variable control in curves
- The remote control can be recharged under the plate's lockable hood. This also provides protection against theft.
- The simultaneous operation of several remote controlled vibratory plates is easily possible
- Intuitive controls, no training necessary

Ecological & sustainable

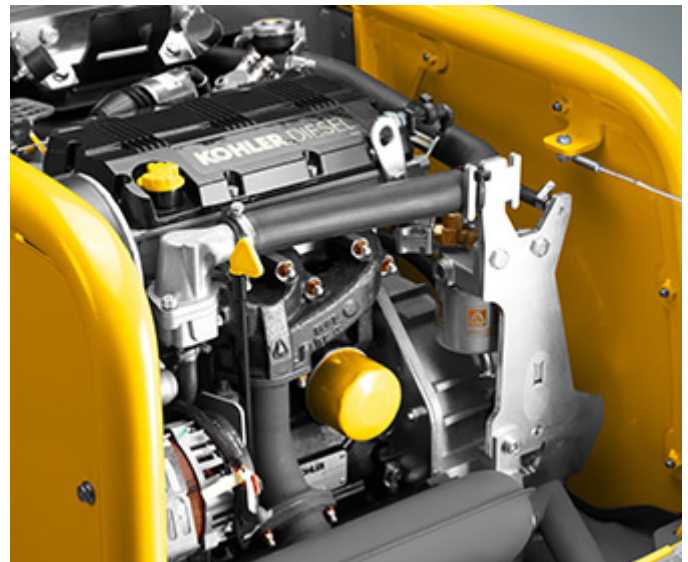
- The water-cooled engine meets all emission regulations future-proof and allows operation at extrem temperatures
- Water-cooling provides extremely long engine service life even with long-term operations
- Way below the noise exposure limits - that protects the environment and operator

Extremely robust design

- The steel tube frame and steel cover sheets make the DPU110r very robust and protected against damage
- The side panels are detachable
- Durable and very stable design



- Very safe: The remote control only works when in direct visual contact with the plate
- Optimum protection: The infrared sensor gives way when being pushed
- The proximity recognition protects the operator from losing control





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.

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

	DPU110rLem870	DPU110rLem970
Operating data		
Operating weight kg	793	810
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
Advance travel max. (dependent on soil and environmental influences) m/min	28	28
Surface capacity max. (dependent on soil and environmental influences) m ² /h	1,462	1,630
Transport height mm	1,000	1,000
Transport length mm	1,515	1,515
Transport width mm	1,050	1,050
Shipping weight kg	816	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 cm ³	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



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all it takes!

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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