



DPU80r

Reversible Vibratory Plates



DPU80r: Excellent compaction with remote control

Robust and compact in design, the DPU80r offers the same high compaction performance as the sister model with center pole. The remote control steering is supported by intelligent features: the vibratory plate can be steered continuously in curves - and that with pinpoint accuracy. The innovative steering eccentric weights provide high rotational dynamics and extremely easy steering with no loss of rate of advance. The intelligent remote control technology between operator and vibratory plate protects the operator against vibration, emissions and noise. The DPU80r is a model of our heavy, high-performance vibratory plate series with 80 to 130 kN.

- Powerful and optimally designed vibratory plate
- Available in two widths: 670 and 770 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, 670 or 770 mm
- Only 830 mm high: low design due to transversely mounted engine - ideal for operation in confined areas, such as in trenches





Remote Control for great user comfort



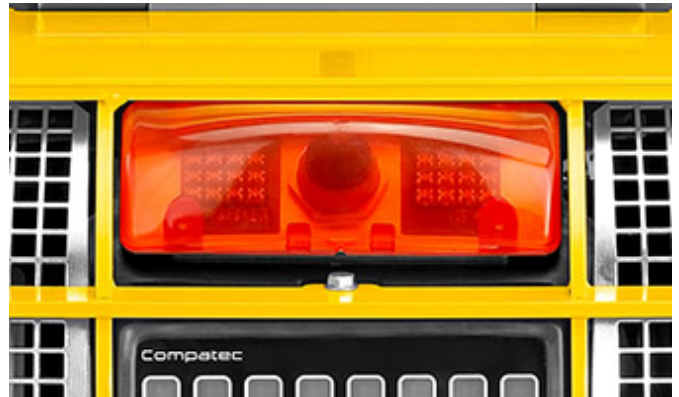
- Precise and continuously variable control in curves
- The remote control can be recharged under the plate's lockable hood. This also provides protection against theft.
- The simultaneous operation of several remote controlled vibratory plates is easily possible
- Intuitive controls, no training necessary

Ecological & sustainable

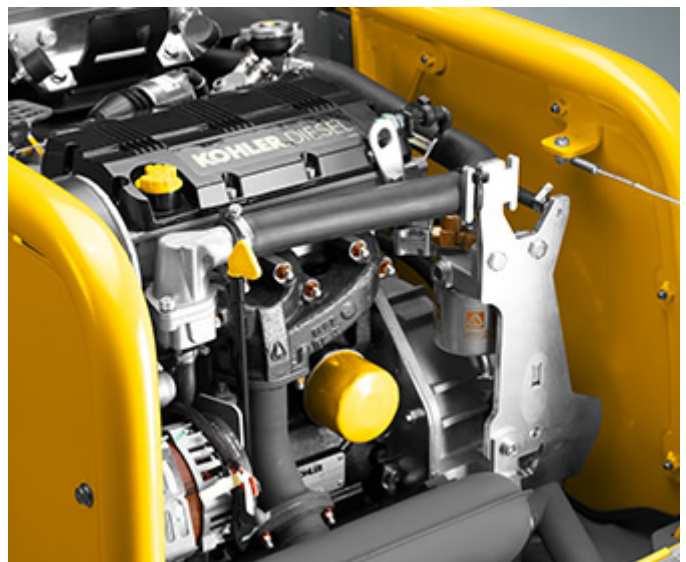
- The water-cooled engine meets all emission regulations future-proof and allows operation at extrem temperatures
- Water-cooling provides extremely long engine service life even with long-term operations
- Way below the noise exposure limits - that protects the environment and operator

Extremely robust design

- The steel tube frame and steel cover sheets make the DPU80r 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

	DPU80rLem670	DPU80rLem770
Operating data		
Operating weight kg	709	724
Centrifugal force kN	80	80
Base plate width mm	670	770
Base plate length mm	1,183	1,183
Base plate thickness mm	14	14
Height (ground clearance) mm	830	830
Operating width mm	670	770
Frequency Hz	56	56
Advance travel max. (dependent on soil and environmental influences) m/min	27	27
Surface capacity max. (dependent on soil and environmental influences) m ² /h	1,085	1,247
Transport height mm	1,000	1,000
Transport length mm	1,515	1,515
Transport width mm	850	850
Shipping weight kg	729	744
Engine / Motor		
Engine / Motor type	Water-cooled 2-cylinder 4-stroke diesel engine	Water-cooled 2-cylinder 4-stroke diesel engine
Engine / Motor manufacturer	Kohler	Kohler
Engine / Motor	KDW702	KDW702
Displacement cm ³	686	686
Engine performance (rated power) (DIN ISO 3046 IFN) kW	11	11
at rpm rpm	3,000	3,000
Operating performance (DIN ISO 3046 IFN) kW	9.6	9.6
at rpm rpm	3,000	3,000
Fuel consumption l/h	2.7	2.7
Fuel tank capacity l	7.2	7.2
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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