



DPU 100-70 - Coupling Set
Vibratory Plates with remote control (500-1,200 kg)

Powerful performance in two and three-piece sets

Create a coupled set by hitching two or three machines of the DPU 100-70Les model together. The coupled set is designed for compacting large areas of ballast, for instance in track laying. Unbeatable flexibility for any construction company with the coupling set: Depending on the requirements of the job site, the machines can be deployed singly, or in sets of two or three, delivering power equivalent to a 10 t roller.

- They really come into their own on construction sites where static structure load is critical and are unsuitable for the use of rollers.
- The infrared remote control system provides maximum safety: The operator is protected from vibrations, noise and dust. The machine can only be operated if line of sight is intact. In case of a loss of control the proximity recognition sensor keeps the operator safe.
- The machines are neither hydraulically nor electrically connected. Therefore, changing from one configuration to another is a simple task that can take place on site and without specialized knowledge.



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Technical specifications

	coupled set of two DPU 100-70	coupled set of three DPU 100-70
Operating data		
Operating weight (without lifting beam) kg	726	726
Operating weight (with extension plates) kg	1.540	2.310
Centrifugal force kN	200	300
Base plate width mm	700	700
Base plate length mm	1.073	1.073
Base plate thickness mm	14	14
Operating width mm	1.760	2.656
Height (without guide handle) mm	910	910
Operating height (guide handles in lowest operating position) mm	910	910
Operating height (guide handles in highest operating position) mm	1.240	1.240
Frequency Hz	56	56
Advance travel max. (depending on soil consistency) m/min	30	30
Reverse travel max. (depending on soil consistency) m/min	28	28
Surface capacity max. with standard extension plates (depending on soil consistency) m²/h	2.957	4.462
Engine / Motor		
Engine / Motor type	Air-cooled 2-cylinder diesel engine with electric starter as standard.	Air-cooled 2-cylinder diesel engine with electric starter as standard.
Engine / Motor manufacturer	Kohler	Kohler
Engine / Motor	12 LD 477-2	12 LD 477-2
Displacement cm³	954	954
Engine performance max. (DIN ISO 3046) kW	14,8	14,8
at rpm rpm	3.000	3.000
Operating performance (DIN ISO 3046) kW	11,5	11,5
at rpm rpm	2.870	2.870
Fuel consumption l/h	2,6	2,6
Tank capacity (fuel) l	7,5	7,5



	coupled set of two DPU 100-70	coupled set of three DPU 100-70
Power transmission	From drive engine via gear pump and hydraulic motor to exciter.	From drive engine via gear pump and hydraulic motor to exciter.

Information on suitable accessories can be found on our website.

The right to make changes is reserved in the interests of ongoing further developments. You can find more information on the engine power in the operator's manual. The actual power output figures may vary due to specific operating conditions.

Information on suitable accessories can be found on our website. 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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