

DPU90Lec770 US

Heavy-weight reversible vibratory plates

High frequency for sandy soils

The vibratory plate DPU90 is the specialist in compacting sandy soils. The base plate is low-wear and has very good propulsion. Together with the high vibration frequency of 63 Hz, even soils with a high proportion of sand can be optimally compacted. The water-cooled engine ensures reliably high performance. Many functional details based on the most modern technologies make the DPU90 a convenient, powerful compaction machine for demanding compaction applications. The DPU90 is a model in our range of powerful heavyweight vibratory plates with centrifugal forces of 80 to 130 kilonewtons.

Highlights

- Compact dimensions, high performance
- Sturdy and durable
- Center pole
- Intuitive guide bar with continuously adjustable speed.
- Large tank, high capacity air filter

Technical Data

Mechanical - Output Details

Centrifugal force	90 kN
Area capacity	1,386.0 m²/h
Forward Running	30.0 m/min
Gradeability	34.0 %
Vibrations (Hz)	63.0 Hz

Mechanical Details

Length Baseplate	1,182.0 mm
Width	770.0 mm
Width Baseplate	770.0 mm
Height	1,541.0 mm
Height Cover frame	822.0 mm
Thickness Baseplate	14.0 mm
Operating weight	771.0 kg
Underclearance	830.0 mm

Engine

Effective power	10.7 kW
Nominal Engine speed	3,350.0 1/min

Environment Data

HAV summation (average value)	2.5 m/s²
HAV summation (Standard)	EN 500-4

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Wacker Neuson SE | www.wackerneuson.com

Available engines

Kohler KDW 702 - 3350 US

Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	2
Cylinder capacity	686 cm^3
Fuel	Diesel EN 590
Fuel consumption	2.70 l/h
Tank capacity	7.20 l
Effective power	10.70 kW
Nominal Engine speed	3,350 PL
Standard (Effective power)	ISO 3046-1
Operating power	9.8 kW
Operating Engine speed	3,350 PL
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Kohler

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Wacker Neuson SE | www.wackerneuson.com