

DPU90Lec770

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
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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	11.7 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

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Available engines

Kohler KDW 702E533A

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	11.70 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

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