

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	20,233 lbf
Area capacity	14,918.9 ft2/h
Forward Running	1.6 fps
Gradeability	34.0 %
Vibrations (Hz)	63.0 Hz

Mechanical Details

Length Baseplate	46.5 in
Width	30.3 in
Width Baseplate	30.3 in
Height	60.7 in
Height Cover frame	32.4 in
Thickness Baseplate	0.6 in
Operating weight	1,699.8 lb
Underclearance	32.7 in

Engine

Effective power	14.3 hp
Nominal Engine speed	3,350.0 1/min

Environment Data

HAV summation (average value)	8.2 ft/s2
HAV summation (Standard)	EN 500-4

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Available engines

Kohler KDW 702 - 3350 US

Cylinder capacity	41.9 Inch3
Fuel consumption	0.7 GPH US
Tank capacity	1.9 gal US
Effective power	14.3 PS
Operating power	13.1 PS
Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	2
Fuel	Diesel EN 590
Standard (Effective power)	ISO 3046-1
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Kohler

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