

DPU90Lem770 US

Heavy-weight reversible vibratory plates

Uncompromising performance with high operating comfort

The DPU90 offers an uncompromisingly strong compaction performance with compact dimensions and a high level of operating comfort. This makes it the compaction machine of choice for demanding compaction work, for example in road construction. The water-cooled engine ensures reliably high performance. Many functional details based on the most modern technologies ensure efficiency at work and make daily maintenance easier. 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

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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

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