



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 m ² /h
Forward Running	30.0 m/min
Gradeability	34.0 %
Vibrations (Hz)	63.0 Hz

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

■ Mechanical Details

Length Baseplate	1,182.0 mm
Width	770.0 mm
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Height	1,541.0 mm

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/hr
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