



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	20,233 lbf
Area capacity	14,918.9 ft ² /h
Forward Running	1.6 fps
Gradeability	34.0 %
Vibrations (Hz)	63.0 Hz

Height Cover frame 32.4 "

Thickness Baseplate 0.6 "

Operating weight 1,699.8 lb

Underclearance 32.7 "

■ 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

■ Mechanical Details

Length Baseplate	46.5 "
Width	30.3 "
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Height	60.7 "

Available engines

Kohler KDW 702 - 3350 US

Cylinder capacity	41.9 Inch ³
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