

DPU110Lec970 US

Heavy-weight reversible vibratory plates

Uncompromising performance with high operating comfort

The heavyweight reversible vibratory plates offer an uncompromisingly strong compaction performance with compact dimensions and a high level of operating comfort. Therefore, they are the compaction machine of choice for demanding compaction work such as road construction. The water-cooled engine provides reliable high performance. Many functional details based on the most modern technologies ensure efficiency on the job and make daily maintenance easier. The product range consists of high-performance, heavy-duty vibratory plates with centrifugal forces ranging from 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	24,729 lbf
Area capacity	18,793.9 ft2/h
Forward Running	1.6 fps
Gradeability	36.0 %
Vibrations (Hz)	60.0 Hz

Mechanical Details

Length Baseplate	46.5 in
Width	38.2 in
Width Baseplate	38.2 in
Height	60.7 in
Height Cover frame	32.4 in
Thickness Baseplate	0.6 in
Operating weight	1,829.8 lb
Underclearance	32.7 in

Engine

Effective power	18.1 hp
Nominal Engine speed	2,700.0 1/min

Environment Data

HAV summation (Standard)	EN 500-4

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Available engines

Kohler KDW 1003 US

Cylinder capacity	62.7 Inch3
Fuel consumption	0.9 GPH US
Tank capacity	3.0 gal US
Effective power	18.1 PS
Operating power	16.1 PS
Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	3
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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