

DPU110Lec870

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	110 kN
Area capacity	1,566.0 m²/h
Forward Running	30.0 m/min
Gradeability	36.0 %
Vibrations (Hz)	60.0 Hz

Mechanical Details

Length Baseplate	1,182.0 mm
Width	870.0 mm
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Height	1,541.0 mm
Height Cover frame	822.0 mm
Thickness Baseplate	14.0 mm
Operating weight	813.0 kg
Underclearance	830.0 mm

Engine

Effective power	16.0 kW
Nominal Engine speed	2,700.0 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 1003E527A

Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	3
Cylinder capacity	1,028 cm^3
Fuel	Diesel EN 590
Fuel consumption	3.30 l/h
Tank capacity	11.20 l
Effective power	160.00 kW
Nominal Engine speed	2,700 PL
Operating power	12 kW
Operating Engine speed	2,700 PL
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Kohler

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