

DPU80Lec770

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	80 kN
Area capacity	1,340.0 m²/h
Forward Running	29.0 m/min
Gradeability	34.0 %
Vibrations (Hz)	56.0 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	11.0 kW
Nominal Engine speed	3,000.0 1/min

Environment Data

HAV summation (average value)	2.5 m/s²
HAV summation (Standard)	EN 500-4

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Wacker Neuson SE | www.wackerneuson.com

Available engines

Kohler KDW 702E530

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	110.00 kW
Nominal Engine speed	3,000 PL
Standard (Effective power)	ISO 3046-1
Operating power	9.6 kW
Operating Engine speed	3,000 PL
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Kohler

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Wacker Neuson SE | www.wackerneuson.com