


# DPU110Lem870

## 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 |
| Width Baseplate | 870.0 mm |
| 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 |

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 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 |

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