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*all it takes!*



## DPU90Lec670

### Heavy-weight reversible vibratory plates

#### High frequency for sandy soils

The vibratory plate DPU90 is the specialist in compacting sandy soils. The base plate is low-wear and has very good propulsion. Together with the high vibration frequency of 63 Hz, even soils with a high proportion of sand can be optimally compacted. The water-cooled engine ensures reliably high performance. Many functional details based on the most modern technologies make the DPU90 a convenient, powerful compaction machine for demanding compaction applications. 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	90 kN
Area capacity	1,206.0 m <sup>2</sup> /h
Forward Running	30.0 m/min
Gradeability	34.0 %
Vibrations (Hz)	63.0 Hz

#### ■ Mechanical Details

Length Baseplate	1,182.0 mm
Width	670.0 mm
Width Baseplate	670.0 mm
Height	1,541.0 mm

Height Cover frame	822.0 mm
Thickness Baseplate	14.0 mm
Operating weight	756.0 kg
Ground clearance	830.0 mm

#### ■ Engine

Effective power	11.7 KW
Nominal Engine speed	3,350.0 1/min

#### ■ Environment Data

HAV summation (average value)	2.5 m/s <sup>2</sup>
HAV summation (Standard)	EN 500-4



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## Available engines

### Kohler KDW 702E533A

Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	2
Cylinder capacity	686 cm <sup>3</sup>
Fuel	Diesel EN 590
Fuel consumption	2.70 L/hr
Tank capacity	7.20 l
Effective power	11.70 kW
Nominal Engine speed	3,350 1/min
Standard (Effective power)	ISO 3046-1
Operating power	9.8 kW
Operating Engine speed	3,350 1/min
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Kohler



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## DPU90Lec770

### Heavy-weight reversible vibratory plates

#### High frequency for sandy soils

The vibratory plate DPU90 is the specialist in compacting sandy soils. The base plate is low-wear and has very good propulsion. Together with the high vibration frequency of 63 Hz, even soils with a high proportion of sand can be optimally compacted. The water-cooled engine ensures reliably high performance. Many functional details based on the most modern technologies make the DPU90 a convenient, powerful compaction machine for demanding compaction applications. 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	90 kN
Area capacity	1,386.0 m <sup>2</sup> /h
Forward Running	30.0 m/min
Gradeability	34.0 %
Vibrations (Hz)	63.0 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
Ground clearance	830.0 mm

#### ■ Engine

Effective power	11.7 KW
Nominal Engine speed	3,350.0 1/min

#### ■ Environment Data

HAV summation (average value)	2.5 m/s <sup>2</sup>
HAV summation (Standard)	EN 500-4



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## Available engines

### Kohler KDW 702E533A

Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	2
Cylinder capacity	686 cm <sup>3</sup>
Fuel	Diesel EN 590
Fuel consumption	2.70 L/hr
Tank capacity	7.20 l
Effective power	11.70 kW
Nominal Engine speed	3,350 1/min
Standard (Effective power)	ISO 3046-1
Operating power	9.8 kW
Operating Engine speed	3,350 1/min
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Kohler



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