



## DPU90Lec770 US

### 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	20,233 lbf
Area capacity	14,918.9 ft <sup>2</sup> /h
Forward Running	1.6 fps
Gradeability	34.0 %
Vibrations (Hz)	63.0 Hz

#### ■ Mechanical Details

Length Baseplate	46.5 "
Width	30.3 "
Width Baseplate	30.3 "
Height	60.7 "

Height Cover frame	32.4 "
Thickness Baseplate	0.6 "
Operating weight	1,699.8 lb
Underclearance	32.7 "

#### ■ Engine

Effective power	14.3 hp
Nominal Engine speed	3,350.0 1/min

#### ■ Environment Data

HAV summation (average value)	8.2 ft/s <sup>2</sup>
HAV summation (Standard)	EN 500-4

Available engines

Kohler KDW 702 - 3350 US

Cylinder capacity	41.9 Inch3
Fuel consumption	0.7 GPH US
Tank capacity	1.9 gal US
Effective power	14.3 PS
Operating power	13.1 PS
Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	2
Fuel	Diesel EN 590
Standard (Effective power)	ISO 3046-1
Standard (Operating power)	ISO 3046-1
Starter type	E-starter
Engine Manufacturer	Kohler