



## DPU4545HEH

### Medium-weight reversible vibratory plates

#### Fast and reliably perfect compaction

The medium-weight reversible vibratory plates offer high productivity as a result of its high compaction force in combination with fast forward and reverse travel speeds. They are the all-rounders for all construction sites where high demands are placed on the performance efficiency of a unit. In addition, they offer excellent characteristics in terms of long service life and operating comfort. Optimal application areas are the compaction of frost layers and subbases in street, path and parking lot construction as well as backfilling around buildings. Due to the frequency of 69 Hz, the medium-weight reversible vibratory plates are versatile for many jobs including the compaction over medium and heavy interlocking paving stones.

## Highlights

- Sturdy and durable
- Very good accessibility to all maintenance points
- High surface performance

## Technical Data

### ■ Mechanical - Output Details

Centrifugal force	45 kN
Vibrations	4.140,0 1/min
Transmission	Centrifugal force belt drive
Area capacity	910,0 m <sup>2</sup> /h
Forward running	25,0 m/min
Gradeability	57,7 %
Vibrations (Hz)	69,0 Hz
Standard Support Plate	Support Plate 80 mm
PQ Class	4
Hauc Class	1.400,0 - 1.800,0 kg/m <sup>2</sup>

### ■ Mechanical Details

Length Drawbar in op. pos.	1.661,0 mm
Length Baseplate	900,0 mm
Width	604,0 mm
Width Baseplate	440,0 mm
Height	1.308,0 mm
Height Cover frame	780,0 mm
Height Crane hook	914,0 mm
Height Crane hook optional pos	790,0 mm
Thickness Baseplate	12,0 mm

Thickness Baseplate min.	7,0 mm
Operating weight	433,0 kg
Ground clearance	790,0 - 914,0 mm
Contact area	265.200,0 mm <sup>2</sup>

### ■ Engine

Effective power	6,4 KW
Nominal Engine speed	2.850,0 1/min

### ■ Environment Data

Storage temperature range	-15 - 40 °C
Operating temperature range	-15 - 40 °C
Operational altitude max.	2.900,0 m NN
Sound level LpA	94,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Measuring method LpA	DIN EN ISO 11201
Sound power LWA, measured	107,0 dB(A)
Sound power LWA, guaranteed	108,0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	2,5 m/s <sup>2</sup>
HAV summation (Standard)	EN 500-4
Uncertainty in measurement HAV	0,5 m/s <sup>2</sup>

## ■ Operating Fluids

Exciter oil volume	0,75 l
Exciter oil type	75W-90 API GL-4

Hydraulic fluid volume	0,5 l
Hydraulic fluid type	Renolin MR 520