



DPU4545Hech

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 |
| Area capacity | 910.0 m ² /h |
| Forward Running | 25.0 m/min |
| Gradeability | 57.7 % |
| Vibrations (Hz) | 69.0 Hz |

■ Mechanical Details

| | |
|------------------|------------|
| 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 |
| Thickness Baseplate | 12.0 mm |
| Operating weight | 434.0 kg |
| Underclearance | 790.0 - 914.0 mm |

■ Engine

| | |
|----------------------|---------------|
| Effective power | 6.4 KW |
| Nominal Engine speed | 2,850.0 1/min |

■ Environment Data

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

Available engines

■ Hatz 1D42S-191A

| | |
|----------------------------|---------------------|
| Cooling | air cooling |
| Engine type | Diesel engine |
| Engine operating mode | four-stroke |
| Cylinder | 1 |
| Cylinder capacity | 445 cm ³ |
| Fuel | Diesel EN 590 |
| Fuel consumption | 1.60 L/hr |
| Tank capacity | 5.00 l |
| Effective power | 6.40 KW |
| Nominal Engine speed | 2,850 PL |
| Standard (Effective power) | ISO 3046 IFN |
| Operating power | 4.9 KW |
| Operating Engine speed | 3,000 PL |
| Standard (Operating power) | ISO 3046 IFN |
| Starter type | E-starter |
| Engine Manufacturer | Hatz |