



DPU110Lec970

Heavy-weight reversible vibratory plates

Uncompromising performance with high ease of use

The DPU110 offers uncompromisingly strong compaction performance with compact dimensions and a high level of operating comfort. This makes it the compaction machine of choice for demanding compaction work, for example in road construction. The water-cooled engine ensures reliably high performance. Many functional details based on the latest technologies ensure efficiency at work and facilitate daily maintenance. The DPU110 is a model from our range of powerful heavy-duty vibratory plates with centrifugal forces 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 | 1,746.0 m ² /h |
| Forward Running | 30.0 m/min |
| Gradeability | 36.0 % |
| Vibrations (Hz) | 60.0 Hz |

Height Cover frame

822.0 mm

Thickness Baseplate

14.0 mm

Operating weight

830.0 kg

Underclearance

830.0 mm

■ Engine

Effective power

16.0 KW

Nominal Engine speed

2,700.0 1/min

■ Environment Data

HAV summation (average value)

2.5 m/s²

HAV summation (Standard)

EN 500-4

■ Mechanical Details

| | |
|------------------|------------|
| Length Baseplate | 1,182.0 mm |
| Width | 970.0 mm |
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| Height | 1,541.0 mm |

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/hr |
| 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 |