



## DPU110Lekc970

### Remote-control vibratory plate

Extra-large operating width for excellent performance on large surface areas.

The coupling set is the ideal machine for crushed stone compaction in railway construction. It is light enough not to sink into the track bed and has a large operating width of three meters. This allows it to efficiently cover a lot of surface area. Therefore, the entire track bed can be compacted with a few passes. The remote control allows the operator to work outside of the danger area, standing away from dust, exhaust emissions and noise pollution. The three coupled DPU110 vibratory plates can also be uncoupled for individual use. This way, they offer maximum flexibility and are easier to transport.



### Highlights

- Sturdy and durable
- Compamatic

### Technical Data

#### ■ Mechanical - Output Details

Centrifugal force	110 kN
Vibrations	3.600,0 1/min
Transmission	Hydrostatic with electronic control unit
Area capacity	1.397,0 m <sup>2</sup> /h
Forward running	24,0 m/min
Gradeability	36,0 %
Vibrations (Hz)	60,0 Hz
Standard Support Plate	without Support Plate
PQ Class	3

#### ■ Mechanical Details

Lenght Drawbar in op. pos.	2.409,0 mm
Length Baseplate	1.182,0 mm
Width	970,0 mm
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Height	1.541,0 mm
Height Cover frame	822,0 mm
Height Crane hook	932,0 mm
Thickness Baseplate	14,0 mm
Thickness Baseplate min.	10,0 mm
Operating weight	838,0 kg
Ground clearance	830,0 mm
Contact area	620.800,0 mm <sup>2</sup>

#### ■ Engine

Effective power	16,0 KW
Nominal Engine speed	2.700,0 1/min

#### ■ Environment Data

Storage temperature range	-20 - 50 °C
Operating temperature range	-10 - 50 °C
Operational altitude max.	2.700,0 m NN
Sound level LpA	95,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Measuring method LpA	DIN EN ISO 11201
Sound power LWA, measured	108,0 dB(A)
Sound power LWA, guaranteed	109,0 dB(A)
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
HAV summation (average value)	m/s <sup>2</sup>
Uncertainty in measurement HAV	0,5 m/s <sup>2</sup>

#### ■ Electrical System

operating pressure	193,0 bar
max. perm. hydraulic pressure	230,0 bar

#### ■ Operating Fluids

Cooling fluid volume	4,2 l
Cooling fluid type	SAE J1034:Wasser (1:1)
Exciter oil volume	1,35 l
Exciter oil type	75W-90 API GL-4

Hydraulic fluid volume

21,9 l

Hydraulic fluid type

Renolin MR 520