

# DPU80

## Reversible Vibratory Plates



**WACKER  
NEUSON**  
*all it takes!*



### Fit for the future of compaction

Pure functionality is what the vibratory plate DPU80 stands for. Sturdy in design, it is characterized by its ability and functions designed down to the last detail. The frame made of steel pipe and screw-on side covers make it extremely resistant in application and guarantee good maintenance access. The DPU80 is a model from our 80 to 130 kN range of powerful heavy vibratory plates.

- Powerful vibratory plate designed optimally for heavy soils
- Intelligent water-cooled engine for ambient temperatures up to 50°C
- No documentation requirement thanks to low hand-arm vibrations (HAV) below 2.5 m/s<sup>2</sup>
- Available as a remote-controlled or alternatively center pole controlled version
- Compamatic: additional compaction control, conveniently from your desk (accessories for machines with compatec)

## DPU80 Technical specifications

|                                                                                                | DPU80Lem670                                      | DPU80Lem770                                      |
|------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| <b>Operating data</b>                                                                          |                                                  |                                                  |
| Operating weight kg                                                                            | 756                                              | 771                                              |
| Centrifugal force kN                                                                           | 80                                               | 80                                               |
| Base plate width mm                                                                            | 670                                              | 770                                              |
| Base plate length mm                                                                           | 1,183                                            | 1,183                                            |
| Base plate thickness mm                                                                        | 14                                               | 14                                               |
| Height (vertical clearance) mm                                                                 | 830                                              | 830                                              |
| Operating width mm                                                                             | 670                                              | 770                                              |
| Frequency Hz                                                                                   | 56                                               | 56                                               |
| Hand-arm vibrations m/s <sup>2</sup>                                                           | < 2.5                                            | < 2.5                                            |
| Advance travel max. (dependent on the ground and environmental influences) m/min               | 29                                               | 29                                               |
| Surface capacity max. (dependent on the ground and environmental influences) m <sup>2</sup> /h | 1,166                                            | 1,340                                            |
| Transport height mm                                                                            | 1,670                                            | 1,670                                            |
| Transport length mm                                                                            | 1,515                                            | 1,515                                            |
| Transport width mm                                                                             | 850                                              | 850                                              |
| Shipping weight kg                                                                             | 776                                              | 791                                              |
| <b>Engine / Motor</b>                                                                          |                                                  |                                                  |
| Engine / Motor type                                                                            | Water-cooled 2-cylinder diesel four-cycle engine | Water-cooled 2-cylinder diesel four-cycle engine |
| Engine / Motor manufacturer                                                                    | Kohler                                           | Kohler                                           |
| Engine / Motor                                                                                 | KDW702                                           | KDW702                                           |
| Displacement cm <sup>3</sup>                                                                   | 686                                              | 686                                              |
| Engine performance max. kW                                                                     | 11.5                                             | 11.5                                             |
| at rpm rpm                                                                                     | 3,600                                            | 3,600                                            |
| Engine performance (power rating) (DIN ISO 3046 IFN) kW                                        | 11                                               | 11                                               |
| at rpm rpm                                                                                     | 3,000                                            | 3,000                                            |
| Operating performance (DIN ISO 3046 IFN) kW                                                    | 9.6                                              | 9.6                                              |
| at rpm rpm                                                                                     | 3,000                                            | 3,000                                            |
| Fuel consumption l/h                                                                           | 2.7                                              | 2.7                                              |
| Fuel tank capacity l                                                                           | 7.2                                              | 7.2                                              |
| Permissible tilt °                                                                             | 25                                               | 25                                               |
| Power transmission                                                                             | Hydrostatic                                      | Hydrostatic                                      |
| Fuel type                                                                                      | Diesel                                           | Diesel                                           |
| CO <sub>2</sub> (NRSC) * g/kWh                                                                 | 933                                              | 933                                              |

Other machine versions are freely configurable: - Operating width: 670 mm or 770 mm - control: with center pole or with remote control (see also DPU80r) \*Determined value of CO<sub>2</sub> emission during engine certification without consideration of the application on the machine. Selectable options: - machine protection sensor (Overload protection) - Compatec compaction control (incl. machine protection sensor)

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.  
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