



## APS2050we

### Electric vibratory plates

Excellent handling and maneuverability on soil and asphalt

The APS series is distinguished by its outstanding handling capabilities. Moving and turning these vibratory plates on fresh asphalt is unsurpassed in comfort and produces clean finishes with no marks. Even clean finishes at curbs are easy to produce due to the angular side edges of the base plate. The guide handle responds precisely to steering movements while still achieving low hand-arm vibrations of less than 5 m/s<sup>2</sup>, which makes long and comfortable working conditions possible. Because of the direct drive, the APS series does not require V-belts and is therefore maintenance-free.

### Highlights

- Starts with a push of a button
- Maintenance-free electric motor
- Removable battery
- Base plate optimized for perfect work results
- Excellent turning ability and control with simultaneously low HAV

### Technical Data

#### ■ Electrical - Output Details

|                   |         |
|-------------------|---------|
| Nominal current   | 21,50 A |
| Nominal voltage   | 51,0 V  |
| Nominal power [P] | 1,20 KW |

#### ■ Mechanical - Output Details

|                        |                                     |
|------------------------|-------------------------------------|
| Centrifugal force      | 20 kN                               |
| Vibrations             | 5.880,0 1/min                       |
| Area capacity          | 750,0 m <sup>2</sup> /h             |
| Forward running        | 25,0 m/min                          |
| Gradeability           | 46,6 %                              |
| Vibrations (Hz)        | 98,0 Hz                             |
| Standard Support Plate | without Support Plate               |
| PQ Class               | 1                                   |
| Hauc Class             | 1.400,0 - 1.800,0 kg/m <sup>2</sup> |

#### ■ Mechanical Details

|                            |          |
|----------------------------|----------|
| Lenght Drawbar in op. pos. | 970,0 mm |
| Length Baseplate           | 599,0 mm |
| Width                      | 500,0 mm |
| Width Baseplate            | 500,0 mm |
| Height                     | 663,0 mm |

|                          |                          |
|--------------------------|--------------------------|
| Height Cover frame       | 663,0 mm                 |
| Height Crane hook        | 663,0 mm                 |
| Thickness Baseplate      | 9,0 mm                   |
| Thickness Baseplate min. | 3,0 mm                   |
| Weight                   | 92,10 kg                 |
| Ground clearance         | 663,0 mm                 |
| Contact area             | 64.127,0 mm <sup>2</sup> |

#### ■ Environment Data

|                                |                      |
|--------------------------------|----------------------|
| Storage temperature range      | -30 - 50 °C          |
| Operating temperature range    | 0 - 40 °C            |
| Sound level LpA                | 89,0 dB(A)           |
| Sound power LWA, measured      | 104,0 dB(A)          |
| Sound power LWA, guaranteed    | 105,0 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> |

#### ■ Electrical System

|                         |         |
|-------------------------|---------|
| Recommended Battery Typ | BP 1000 |
| Breaker Switch On/Off   | yes     |

|                        |     |
|------------------------|-----|
| Integrated transformer | yes |
|------------------------|-----|

|                 |          |
|-----------------|----------|
| Battery runtime | 90,0 min |
|-----------------|----------|