

ROAD ROLLER

VIBRATORY V110D & V110PD



EASY AND SAFE MAINTENANCE

- Regular, daily maintenance is done from ground level facilitated by the engine hood in one piece



COMFORTABLE AND SAFE OPERATOR'S CABIN

- 90° clockwise seat rotation for excellent rear visibility
- ROPS/FOPS cabin with air conditioning as standard



HIGH RELIABILITY

- Standard turbo pre-filter
- Robust front chassis for drum support - 4-pin linkage
- World-class components



HIGH EFFICIENCY

- Tier III engine S8000
- Internal after-cooler and EGR system
- Low fuel consumption



FIRST-CLASS PRODUCTIVITY

- Perfect combination of frequency and amplitude of vibration
- Thickest drum on the market, ensuring greater efficiency in compaction
- Smooth roller for granular soils in the V110D version and padfoot kit for more cohesive soils in the V110PD version

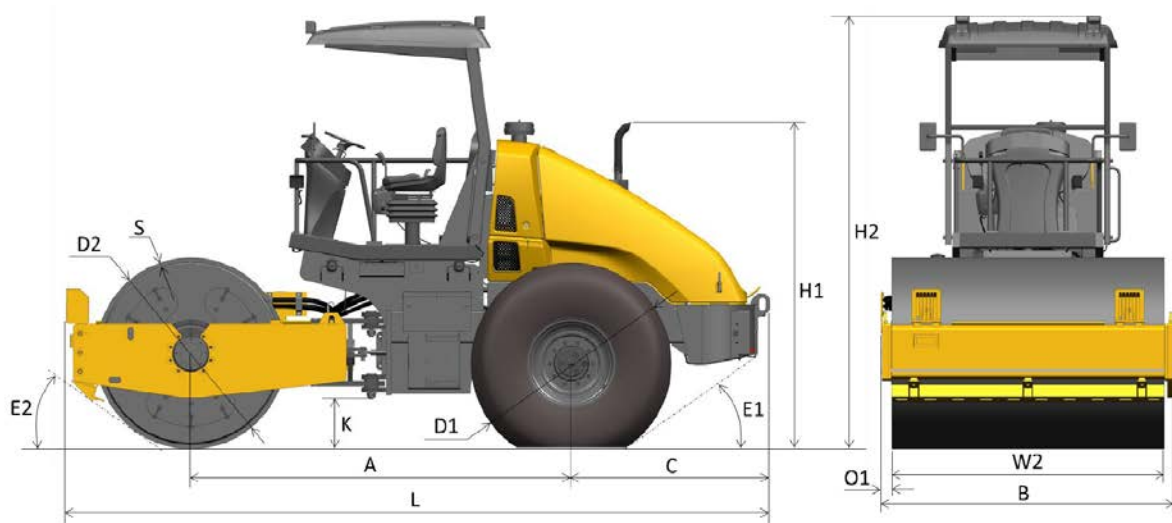


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TECHNICAL SPECIFICATIONS OF THE COMPACTOR ROLLER

GENERAL DIMENSIONS



| DIMENSIONS | | | |
|------------|---|---------|------|
| A | Horizontal distance from the center of the drum to the center of the tire | mm | 3003 |
| B | Overall machine width | mm | 2324 |
| C | Rear swing | mm | 1560 |
| D1 | Rear tire diameter | mm | 1560 |
| D2 | Drum diameter | mm | 1500 |
| H1 | Muffler height from ground level | mm | 2561 |
| H2 | Overall machine height (in transport) | mm | 3389 |
| K | Ground clearance | mm | 382 |
| L | Overall machine length | mm | 5557 |
| O1 | Side swing | mm | 87 |
| S | Drum wall thickness | mm | 32 |
| W2 | Overall drum width | mm | 2150 |
| EL | Rear exit angle | Degrees | 36 |
| E2 | Front departure angle | Degrees | 32 |

| OPERATIONAL DATA | | V110D | V110PD |
|--------------------------|-------|-------|--------|
| Operating weight | kg | 11380 | 12560 |
| Front axle load | kg | 6560 | 7740 |
| Rear axle load | kg | 4820 | 4820 |
| Static linear load front | kg/cm | 31 | (-) |

| VIBRATING SYSTEM | | V110D | | V110PD |
|-----------------------|----|-------|-------|--------|
| Vibration phase | | 1 | 2 | 1 |
| Frequency | Hz | 31 | 34 | 34 |
| Amplitude | mm | 1.8 | 0.8 | 0.6 |
| Centrifugal force | kg | 26815 | 14826 | 14826 |
| Maximum force applied | kg | 33375 | 21386 | 22566 |

| MOTOR | |
|-------------------------|----------------------|
| Brand and model | FPT S8000 - TIER III |
| Raw horsepower (hp@rpm) | 110@2300 |
| Net horsepower (hp/rpm) | 105@2300 |

SL1059

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