

RC50

Single Drum Soil Compactors



**WACKER
NEUSON**
all it takes!



5-ton soil compactor for efficient compaction

The RC50 single drum soil compactor offers optimum compaction results with excellent maneuverability, gradeability and stability. The compact design provides for an excellent view of the work area and drum from the operator's seat. The spacious operator platform is isolated from vibration for comfortable operation. It also features plenty of legroom and simple operation via an intuitively designed display and joystick. The RC soil compactors are ideal for commercial and residential projects, secondary roads and parking lots.

- Three-point articulated pendulum joint provides for even weight distribution and consistent compaction, even when navigating curves and uneven ground conditions
- Rear wheels are driven by independent motors resulting in excellent ground clearance
- Quick and easy maintenance with all access points located on one side of the machine
- Excellent traction in a variety of conditions, enhancing productivity and safety
- Models offered with either smooth drum for compaction of granular materials or padfoot drum for effective compaction of cohesive soils such as clay

RC50 Technical specifications

| | RC50 | RC50p |
|---|--------------------------------------|--------------------------------------|
| Operating data General | | |
| Operating weight with roll-over protective structure lb | 10,615 | 10,880 |
| Operating weight with cabin lb | 11,100 | 11,365 |
| Operating weight max. lb | 12,588 | 12,191 |
| Drum type | smooth/undivided | Sheepsfoot |
| Dimensions | | |
| L x W x H in | 159.1 x 59.1 x 112.9 | 159.1 x 59.1 x 112.9 |
| Drum width in | 53.9 | 53.9 |
| Drum diameter in | 39 | 45 |
| Operating width in | 53.9 | 53.9 |
| Ground clearance Middle in | 10.5 | 10.5 |
| Axle load Front lb | 5,787 | 6,052 |
| Axle load Rear lb | 5,313 | 5,313 |
| Curb clearance left/right in | 2.5 | 2.5 |
| Turning radius in | 131.6 | 131.6 |
| Operating data Vibration | | |
| Centrifugal force lbf | 15,512 | 15,512 |
| Frequency Vpm | 1,800 | 1,800 |
| Amplitude in | 0.06 | 0.06 |
| Linear force static, front lb/in | 109.6 | 114.2 |
| Travel speed Operation, max. mph | 3.7 | 3.7 |
| Travel speed Transport gear, max. mph | 7.8 | 7.8 |
| Gradeability with vibration % | 55 | 55 |
| Gradeability without vibration % | 60 | 60 |
| Engine / Motor | | |
| Engine / Motor type | 4-cylinder diesel engine, V3307-CR-T | 4-cylinder diesel engine, V3307-CR-T |
| Engine / Motor manufacturer | Kubota | Kubota |
| RPM / speed rpm | 2,200 | 2,200 |
| Operating performance hp | 73.2 | 73.2 |
| Traction drive | hydrostatic with wheel motor | hydrostatic with wheel motor |
| Tank capacity US gal | 32 | 32 |

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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