

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. Copyright © 2020 Wacker Neuson SE.