RC70 Single Drum Soil Compactors





7 tons for compaction - compactly packed: RC70

The RC70 only measures 4.40 meters in length and is therefore the shortest single drum roller in its class. This means that it also convinces when things get too tight for many other single drum rollers. Especially when working in confined urban areas or in gardening and landscaping, the single drum soil compactor RC70 displays its full strengths. The intuitive operation via the display and joystick and the adjustable operator's seat also offer a high level of working comfort.

- 3-point articulated joint for optimal driving comfort on uneven ground conditions
- Economical diesel engine with particle filter (EU stage IIIB)
- Maximum gradeability due to the innovative drive concept and generous angle of slope
- Compact design for the perfect all-around view
- 2 model versions: with smooth drum or with sheepsfoot drum









RC70 Technical specifications

Spectra constraint of the second s		RC70	RC70p	RC70vo
Operating weight with cabin kg6,6406,4106,282Operating weight max, kg7,6806,8006,380Dum typeon oth/hndvided6,8006,380Dum type4400 x 1844 x 20254,400 x 1844 x 20254,400 x 1844 x 2025L XV xH mm1,8801,8801,680Dum widh mm1,8001,8801,800Operating widh max, mm1,8801,8801,880Operating widh max, mm1,8808,8003,76Operating widh max, mm1,8808,8003,76Operating widh max, mm1,8808,8003,76Operating widh max, mm3,8008,8003,800Operating widh max, mm3,8008,8003,800Outh clearance lift mm707070Outh clearance lift mm3,1018,3103,310Outh clearance lift mm3,1011,203,310Outh clearance lift mm1,201,203,310Outh clearance lift mm1,201,201,20Outh clearan	Operating data General			
Operating weight max. kg7,5806,8206,830Drum typesmooth/undik/dedsheepsfortsmooth/undik/dedDumsitionsLx W xH mm440 x 1844 x 2025440 x 1844 x 2025440 x 1844 x 2025Dum with mm1,8801,8801,880Dum with mm1,8801,8801,880Dum dianeter mm1,2161,3601,880Ground clearence Midde mm317317317Ade load Frank kg3,8804,8503,765Ade load Frank kg3,8804,8503,765Ade load Frank kg3,8808,8503,765Ade load Frank kg3,8803,8103,810Ourb clearence fight mm3,8103,8103,810Ourb clearence fight mm3,8103,8103,810Ourb clearence fight mm12512512,81Crenting al force front, level I kN1512Frequency fort, level I kN12,111,721,36Crenting al force front, level I kN12,111,721,36Anglitude front, level I kN12,111,721,37Creating al force front, level I kN12,111,721,37Creating from frequency Hz11,711,721,37Oscillation frequency Hz11,211,371,37Oscillation frequency Hz11,211,311,31Creating al frequency Hz12,211,311,31Creating al frequency Hz11,211,311,	Operating weight with roll-over protective structure kg	6,320	6,190	6,105
DumppemendbalandsequencemendbalandJumuse400x1044x2025400x1044x2025400x1044x2025LxWxH mm1,8801,8801,880Dum diserter mm1,2151,3031,680Ourdiserter mm1,8001,8001,800Orendi desarace/Midlem3,771,8003,761Ake laad Fark ja2,8002,8002,800Cub desarace/field mm80800Ake laad Fark ja2,8003,8103,010Cub desarace/field mm80800Cub desarace/field mm813,1303,130Cub desarace/field mm12123,130Cub desarace/field mm12123,130Cub desarace/field mm12123,130Cub desarace/field mm12123,130Cub desarace/field field12123,130Cub desarace/field field12123,130Cub desarace/field field12123,130Cub desarace/field field121212Cardifield field f	Operating weight with cabin kg	6,540	6,410	6,325
Dimmono LX W X H mm 4409 x 1844 x 2825 4409 x 1844 x 2825 4409 x 1844 x 2825 Drum widm mm 1.880 1.680 1.680 Drum widm mm 1.216 1.800 1.680 Operating widm max.mm 1.820 1.680 1.680 Ground clearance Middle mm 1.820 3.850 3.76 Ade load From kg 3.980 3.850 3.766 Ade load From kg 3.980 3.850 3.766 Curb clearance fight mm 70 70 70 Turing radius mm 8310 3.310 3.310 3.310 Curb clearance fight mm 70 70 70 Turing radius mm 8310 3.310 3.310 3.310 Curb fight force font, local I MA 126 128 129 Cartifight force font, local I MA 86 128 129 Frequency front, local I MA 1.71 1.79 1.31 Anglitude font, local I MA 1.71 1.79 1.31 Cosolleform fore MN	Operating weight max. kg	7,580	6,920	6,380
L www. H mm4409 x 1844 x 29254409 x 1844 x 29254409 x 1844 x 2925Drum width mm1,6801,8801,680Drum diameter mm1,2161,3601,206Operating width max. mm1,8801,8801,680Ground clearance Middle mm317317317Ake load Front kg3,9803,8503,766Ake load Front kg2,5802,5802,580Curb clearance right mm608080Curb clearance right mm3,3103,3103,310Bay and the second right kg125123123Curb clearance right mm3,3103,3103,3103,310Curb clearance right mm3,3103,3103,3103,310Carb clearance right mm1,25125123123Centrifugal force front, level I MN125125136Frequency front, level I M261361Applituk fort, level I M261361Applituk fort, level I M361361Applituk fort, level I M21,711,791,3737Oscillation frequency H21,711,791,371,31Carbit ford foren reger with reger with reger with reger with reger1,311,311,31Carbit foren reger with r	Drum type	smooth/undivided	Sheepsfoot	smooth/undivided
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Operating with max. mm1,6801,0801,0801,680Ground clearance Middle mm317317317317Akle load Front kg3,9803,8503,766Akle load Front kg2,6602,6602,680Curb clearance fight mm808080Curb clearance fight mm3,103,3103,310Curb clearance fight mm2,5003,3103,310Curb clearance fight mm125125125Centrifugal force front, level I IkA125125125Frequency front, level I IkA96	Drum width mm	1,680	1,680	1,680
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Ake load Front kg3,8803,8803,8803,6803,765Ake load Rear kg2,6602,6602,6602,660Curb clearance left mm80808080Curb clearance right mm70707070Turing radius mm3,0103,0108080Contriduct MinitariaContriduct Minitaria	Operating width max. mm	1,680	1,680	1,680
Ake load Rear kg2,6602,6602,6602,660Cub clearance left mm808080Cub clearance left mm707070Turing radius mm3,3103,3103,310 Descript clast WindersUsed to finder level IkN 1258030Operating direct front, level IkN126120120Centring aforce front, level IkN808080Fequency front, level IkN808080Fequency front, level IkN808080Applitude front, level Ikm6010138Applitude front, level Ikm0.66136Colspan="3">Colspan="3"Colspan="3">Colspan="3" <td>Ground clearance Middle mm</td> <td>317</td> <td>317</td> <td>317</td>	Ground clearance Middle mm	317	317	317
Cub clearance right mm808080Cub clearance right mm707070Tuming radius mm3,3103,3103,310Operating data VibrationUser state vibrationCentrifugal force front, level I kN125123Centrifugal force front, level I kN95Frequency front, level I Hz303036Applitude front, level II Hz2Amplitude front, level II Hz42Amplitude front, level II mm1,711,791,88Oscillation frequency Hz1Oscillation frequency Hz30Scillation frequency HzOscillation front kw1Oscillation frequency Hz30Scillation frequency HzOscillation frequency HzScillation frequency Hz30Scillation frequency HzScillation frequency HzScillation frequency HzScillation frequency Hz30Scillation frequency HzScillation frequency Hz </td <td>Axle load Front kg</td> <td>3,980</td> <td>3,850</td> <td>3,765</td>	Axle load Front kg	3,980	3,850	3,765
Cub clearance right mm707070Turning radius mm3,3103,3103,310Turning radius mm3,3103,3103,310Operating data WhationCentritugal force front, level I kN125125123Centritugal force front, level I kN9555Frequency front, level I Hz303036Amplitude front, level I I MR1,711,791,38Amplitude front, level I mm0.68536Costilation frequency Hz6636Costilation frequency Hz1012037Oscillation force kN23,722.92.4Tavel speed Operation, max. km/h666Gradeability with vibration %555565Gradeability with vibration %60606Ergine / Motor type200200200Engine / Motor type2,2002,2002,200Operating performance KW52.454.454.4Engine / Motor manufacturer54.454.454.4Engine / Motor manufacturer54.454.454.4Engine / Motor stage55.455.454.4Engine formance KW52.454.454.4Engine / Motor stage55.455.455.4Engine / Motor stage55.455.455.4Engine / Motor stage55.455.455.4Engine / Motor stage55.455.455.4Engine / M	Axle load Rear kg	2,560	2,560	2,560
Turning radius mm3,3103,3103,310Operating data VibrationCentrifugal force front, level I kN125125123Centrifugal force front, level I kN95Frequency front, level I H2303036Applitude front, level I H242Amplitude front, level I mm1.711.791.38Anplitude front, level I mm0.66Colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan="4">Colspan="4" <td< td=""><td>Curb clearance left mm</td><td>80</td><td>80</td><td>80</td></td<>	Curb clearance left mm	80	80	80
Operating data VibrationIsing and the set of the set	Curb clearance right mm	70	70	70
Centrifugal force front, level I kN125125126Centrifugal force front, level I kN95Frequency front, level I k23036Frequency front, level I h242Amplitude front, level I mm0.66Oscillation frequency H2I1.71Oscillation frequency H2I30Oscillation frequency H2I3.71Oscillation force kNI3.71Oscillation force kNI3.71Oscillation force kNI1.71Oscillation force kNI1.71Oscillation force kNI1.71Tavel speed Operation, max. km/h66Gradeability with vibration %6.35.5Gradeability with vibration %6.060Figne / MoorFrequency Far4.cylinder diesel engine, V3007' CR-TEngine / Moor manufacturerKubota V3307-CR-TKubota V3307-CR-TFignie / Motor manufacturer2.202.202.20Operating performance kW5.45.46.4Finsion standards stageEU Stage V/EPA Tier 4EU Stage V/EPA Tier 4	Turning radius mm	3,310	3,310	3,310
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Frequency font, level II Hz42Amplitude front, level Imm1.711.791.83Amplitude front, level Imm0.6655Oscillation frequency HzII1.9136Tangential amplitude mm1.371.37Oscillation frequency HzII1.371.37Oscillation force KNI2.92.42.4Tavel speed Operation, max. km/h6661.37Oradeability with vibration %55555556Oradeability with vibration %6.06.00.01.0Engine / Motor typeStore YangenerStore	Centrifugal force front, level II kN	95		
Amplitude front, level I mm1.711.791.38Amplitude front, level II mm0.6636Oscillation frequency HzImage of the second sec	Frequency front, level I Hz	30	30	36
Amplitude front, level II mm0.66Oscillation frequency HzIIIOscillation frequency HzIIIITargential amplitude mmIIIIIOscillation force kNIIIIIIOscillation force kNII <td< td=""><td>Frequency front, level II Hz</td><td>42</td><td></td><td></td></td<>	Frequency front, level II Hz	42		
Oscillation frequency HzIdentifySecond second	Amplitude front, level I mm	1.71	1.79	1.38
Tangential amplitude mm1.37Gacillation force kNImage for the set of t	Amplitude front, level II mm	0.66		
Oscillation force kNImage: Image:	Oscillation frequency Hz			36
Total linear load N/mm23.722.922.4Travel speed Operation, max. km/h666Travel speed Transport gear, max. km/h12.512.512.5Gradeability with vibration %555555Gradeability without vibration %606060Engine / MotorFingine / Motor runnufacturerKubota V3307-CR-T4-cylinder diesel engine, V3307 CR-T4-cylinder diesel engine, V3307-CR-TFingine / Motor runnufacturer5.4Kubota V3307-CR-TKubota V3307-CR-TRPM / speed rpm2,2002,2002,200Operating performance KW55.455.455.4Emission standerd stageEU Stage V/ EPA Tier 4EU Stage V/ EPA Tier 4	Tangential amplitude mm			1.37
Travel speed Operation, max. km/h666Travel speed Transport gear, max. km/h12.512.512.5Gradeability with vibration %555555Gradeability with vibration %606060Braine / MotorEngine / Motor type4-cylinder diesel engine, V3307 CR-T4-cylinder diesel engine, V3307-CR-T4-cylinder diesel engine, V3307-CR-TEngine / Motor manufacturerKubota V3307-CR-TKubota V3307-CR-TKubota V3307-CR-TFNM / speed rpm2,2002,2002,200Operating performance kW55.455.455.4Emission standards stageEU Stage V / EPA Tier 4EU Stage V / EPA Tier 4	Oscillation force kN			123
Travel speed Transport gear, max. km/h12.512.512.5Gradeability with vibration %555555Gradeability with vibration %606060 Engine / Motor Fingine / Motor type4-cylinder diesel engine, V3307 CR-T4-cylinder diesel engine, V3307-CR-T4-cylinder diesel engine, V3307-CR-TEngine / Motor manufacturerKubota V3307-CR-TKubota V3307-CR-TKubota V3307-CR-TRPM / speed rpm2,2002,2002,200Operating performance kW55.455.455.4Emission standards stageEU Stage V / EPA Tier 4EU Stage V / EPA Tier 4	Total linear load N/mm	23.7	22.9	22.4
Gradeability with vibration %5555Gradeability without vibration %6060Engine / Motor6060Engine / Motor type4-cylinder diesel engine, V3307- CR-T4-cylinder diesel engine, V3307- CR-T4-cylinder diesel engine, V3307- CR-TEngine / Motor manufacturerKubota V3307-CR-TKubota V3307-CR-TKubota V3307-CR-TRPM / speed rpm2,2002,2002,200Operating performance kW55.455.455.4Ensision standards stageEU Stage V / EPA Tier 4EU Stage V / EPA Tier 4	Travel speed Operation, max. km/h	6	6	6
Gradeability without vibration %6060Engine / Motor	Travel speed Transport gear, max. km/h	12.5	12.5	12.5
Engine / MotorEngine / Motor type4-cylinder diesel engine, V3307- CR-T4-cylinder diesel engine, V3307- CR-T4-cylinder diesel engine, V3307- CR-TEngine / Motor manufacturerKubota V3307-CR-TKubota V3307-CR-TKubota V3307-CR-TRPM / speed rpm2,2002,2002,200Operating performance kW55.455.455.4Emission standards stageEU Stage V / EPA Tier 4EU Stage V / EPA Tier 4	Gradeability with vibration %	55	55	55
Engine / Motor type4-cylinder diesel engine, V3307 CR-T4-cylinder diesel engine, V3307-CR-T4-cylinder diesel engine, V3307-CR-TEngine / Motor manufacturerKubota V3307-CR-TKubota V3307-CR-TKubota V3307-CR-TRPM / speed rpm2,2002,2002,200Operating performance kW55.455.455.4Emission standards stageEU Stage V / EPA Tier 4EU Stage V / EPA Tier 4	Gradeability without vibration %	60	60	60
CR-TV3307-CR-TCR-TEngine / Motor manufacturerKubota V3307-CR-TKubota V3307-CR-TRPM / speed rpm2,2002,2002,200Operating performance kW55.455.455.4Emission standards stageEU Stage V / EPA Tier 4EU Stage V / EPA Tier 4	Engine / Motor			
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Operating performance kW55.455.455.4Emission standards stageEU Stage V / EPA Tier 4EU Stage V / EPA Tier 4EU Stage V / EPA Tier 4	Engine / Motor manufacturer	Kubota V3307-CR-T	Kubota V3307-CR-T	Kubota V3307-CR-T
Emission standards stage EU Stage V / EPA Tier 4 EU Stage V / EPA Tier 4 EU Stage V / EPA Tier 4	RPM / speed rpm	2,200	2,200	2,200
	Operating performance kW	55.4	55.4	55.4
Exhaust aftertreatment system DOC-DPF DOC-DPF DOC-DPF	Emission standards stage	EU Stage V / EPA Tier 4	EU Stage V / EPA Tier 4	EU Stage V / EPA Tier 4
	Exhaust aftertreatment system	DOC-DPF	DOC-DPF	DOC-DPF









RC70 RC70p RC70	0vo
Traction drive hydrostatic with wheel motors hydrostatic with wheel hydrost motors	static with wheel motors
Tank capacity I 123 123 123	

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 © 2019 Wacker Neuson SE.







