Technical Data

RC130-2 P T3

Picture is for illustration purposes only and may vary from specification sheet designation

The compactors of the RC-2 series offer an innovative and powerful complete package for earthmoving. With impressive compaction performance, intuitive handling and maximum driving comfort, the single-drum compactors are ideally suited for almost all earthmoving tasks. The compactors of the RC-2 series are also characterised by environmentally friendly and modern engines.

Soil Compactor Series RC-2

Soil Compactor with Padfoot drum

HIGHLIGHTS

> High compaction performance

> Spacious driver's platform with Drive Control operating concept

> Electronic Machine Management System (EMMS) for high comfort, safety, and reduced emissions

> Customised configuration possibilities and a wide range of options

> Digital ready

hire sales parts service

conplant.com.au | 1300 166 166

Technical Data

RC130-2 P T3

Weights		
Operating weight with cab	kg	13190
Operating weight with ROPS	kg	12840
Basic weight no cab, without ROPS	kg	12250
Operating weight, max.	kg	15140
Axle load, front/rear	kg	7925/5265
Axle load max., front/rear	kg	9000/6140
Static linear load, front	kg/cm	37,03
French classific., data/class		49,9/VPM3
Load per tyre, rear	kg	2632,5
Machine dimensions		
Total length	mm	6117
Total height with cab	mm	3054
Total height with ROPS	mm	3054
Height with plastic protective roof	mm	3054
Height loading, min.	mm	3054
Wheelbase	mm	3266
Total width with cab	mm	2474
Max. working width	mm	2140
Ground clearance, centre	mm	461
Kerb clearance, left/right	mm	477/477
Turning radius, inside	mm	4131
Angle of driving slope, front/rear	°	33,7/23,7
Drum dimensions		
Drum width, front	mm	2140
Drum diameter, front	mm	1687
Drum thickness, front	mm	20
Drum type, front		Padfoot
Height of Padfeet	mm	100
Padfeet, number		140
Wheel dimensions		
Size of tyres, rear		TR 23.1-26 12 PR
Width over tyres, rear	mm	2154
Number of tyres, rear		2
Diesel engine		
Manufacturer		JOHN DEERE
Version		JDPS 4045PTE
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		101,0/137,3/2000
Power rating SAE J1349, W/HP/rpm		101,0/135,4/2000
Emission standard		EU Stage IIIA / EPA Tier 3
Exhaust gas level		UN ECE R(^
Exhaust gas after-treatment		-
Drive		
Speed, infinitely variable	km/h	0 - 11,9
Regulation, infinitely variable		EMMS
Climbing ability, vibration on/off	%	55/61

Vibration		
Vibration frequency, front, I/II	Hz	30/36
Amplitude, front, I/II	mm	1,90/1,05
Centrifugal force, front, I/II	kN	290/220
Steering		
Oscillation angle +/-	°	max. 12
Steering, type		Articulated steering
Tank capacity/Fill capacity		
Fuel tank, capacity	L	280
Sound level		
Sound power level L(WA), guaranteed	db(A)	106
Acoustic power LW(A), measured	db(A)	104

Equipment

12 V sockets (double) | 2 large working and rear view mirrors | 3-point articulation | Dashboard with displays, indicator lights and function key | Drive Control Operating concept | ECO mode | Speed preselect | Hose protection on front vehicle | Vibration-isolated operator's platform | Automatic vibration system | Steel scraper, for padfoot drum

Optional Equipment

ROPS cabin with heating and air conditioning, FOPS-approved (level I) | Safety belt monitoring device | Auxiliary heater | Radio | Tachograph | Fire Extinguisher | Dozer blade | Automatic engine-off function | Camera system | Working lights | Bonnet with electrical easy access engine cover release | Coming home lighting

Further data available on request / subject to change. Illustrations may contain optional

Technical Data

RC130-2 P T3

One platform for all markets

The manufacturer is bringing together the two previous compactor series from Wacker Neuson – RC series (Tier 3) and the T4 series (EPA Tier 4/EU Stage V) – with the RC-2 series on one platform together with models with an operating weight of 11–25 t. The diesel engines comply with the regional requirements, and their power varies between 85 and 160 kW, depending on the weight. On all models, the drum width is 2140 mm. In addition to the previously known sales variants, in future, there will be CR machines with reinforced components for applications on difficult terrain and special equipment for applications on rocky ground.

New design

The RC-2 series is recognisable from the new, athletic design and the view channel in the engine hood. A new frame concept also guarantees increased tank volume; in particular, in future, the heavy compactors will be delivered to the construction site with a 336L fuel tank.

Impressive compaction parameters

In comparison to the predecessor models, Wacker Neuson has increased the compaction power. The manufacturer has increased the centrifugal force by up to 15%; and the static linear load is as high as 80.6 kg/cm. There are even innovations when it comes to the steering: A new cast articulated joint with articulated joint lock allows for a greater steering and swing angle with improved kinematics. Thanks to the optimised weight distribution in combination with the Traction Control, the gradeability has also been further improved. Furthermore, the front vehicle and the scraper have been redesigned. This has resulted in significantly increased clearance on the drum, meaning that no material can accumulate there.

Great power, economical in continuous operation

Thanks to new approaches in machine management, the RC-2 series achieves increased overall performance. The integrated ECO mode supports the operator so that they can work in the economical partial-load range as often as possible, which reduces the need for cooling. The speed is reduced for this – but, thanks to a large travel pump, without compromising the power. This concept saves fuel and reduces the noise and exhaust gas emissions. With the optional engine stop system, the energy consumption can be reduced even further.

Comfortable workstation

Wacker Neuson has also again increased the operator comfort: The cab offers the operator over 20% more tread, around 30% increased space, and numerous storage compartments. Furthermore, the vibrations and the noise level in the cab are significantly reduced thanks to the materials and design. A comfortable heating and air-conditioning system, the Drive Control operating concept, the innovative seat operating unit, the comfortable steering as well as modern ventilation round off the comfort offered by well-conceived construction machinery.

Great visibility during the day and night

In the dark, the standard LED lights light up the environment in all working situations. At day and night, thanks to the view channel in the hood, the roller meets the requirements for the field of vision in accordance with DIN EN 474. On the cab, a large additional mirror with proximity detection improves the view of the immediate environment, and design tricks guarantee low-vibration mirrors. Furthermore, the mirrors can be easily adjusted from the cab.

hire sales parts service
conplant.com.au | 1300 166 166