# Technical Data RC130-2 O 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 Smooth Drum

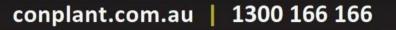
## **HIGHLIGHTS**

- > 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









#### **Technical Data**

Vibration

Regulation, infinitely variable

Climbing ability, vibration on/off

Vibration frequency, front, I/II

# **RC130-2 O T3**

Weights			Vibration
Operating weight with cab	kg	12920	Amplitude,
Operating weight with ROPS	kg	12800	Centrifugal
Basic weight no cab, without ROPS	kg	11980	Ocillation
Operating weight, max.	kg	17350	Oscillation I
Axle load, front/rear	kg	7650/5270	Oscillation I
Axle load max., front/rear	kg	8380/8970	Tangenial a
Static linear load, front	kg/cm	35,75	Steering
French classific., data/class			Oscillation a
Load per tyre, rear	kg	2635	Steering, ty
Machine dimensions			Tank capa
Total length	mm	6117	Fuel tank, c
Total height with cab	mm	3054	Sound leve
Total height with ROPS	mm	3054	Sound pow guaranteed
Height with plastic protective roof	mm	3054	Acoustic po
Height loading, min.	mm	3054	
Wheelbase	mm	3266	Equipme
Total width with cab	mm	2474	
Max. working width	mm	2140	12 V soc
Ground clearance, center	mm	461	3-poin
Kerb clearance, left/right	mm	477/477	lights an
Turning radius, inside	mm	4131	ECO mo
Angle of driving slope, front/rear	٥	34,2/23,7	vehicle
Drum dimensions			vibratio
Drum width, front	mm	2140	
Drum diameter, front	mm	1504	
Drum thickness, front	mm	20	Optional
Drum type, front		smooth	
Wheel dimensions			ROPS ca
Size of tyres, rear		AW 23.1-26 12 PR	(level I)
Width over tyres, rear	mm	2122	Radio
Number of tyres, rear		2	Automa Working
Diesel engine			cover re
Manufacturer		JOHN DEERE	coverre
Version		JDPS 4045PTE	
Number of cylinders		4	
Power rat. ISO 14396, kW/PS/rpm		101,0/137,3/2000	
Power rating SAE J1349, kW/HP/rpm		101,0/135,4/2000	
Emission standard		EU Stage IIIA / EPA Tier 3	
Exhaust gas level		UN ECE R96	
Exhaust gas after-treatment		-	
Drive			
Speed, infinitely variable	km/h	0 – 12,1	





Vibration				
Amplitude, front, I/II	mm	1,95		
Centrifugal force, front, I/II	kN	280		
Ocillation				
Oscillation Force	kN	230		
Oscillation Frequency	Hz	30		
Tangenial amplitude, Oscillation	mm	1,62		
Steering				
Oscillation angle +/-	٥	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		

#### ent

ckets (double) | 2 large working and rear view mirrors nt articulation | Dashboard with displays, indicator nd function key | Drive Control Operating concept | ode | Speed preselect | Hose protection on front | Vibration-isolated operator's platform | Automatic on system | Plastic Scraper for smooth drum

#### al Equipment

abin with heating and air conditioning, FOPS-approved | Seat belt monitoring device | Auxiliary heater | Tachograph | Padfoot shells | Dozer Blade V atic engine-off function | Back-up alarm (reversing) | g lights | Bonnet with electrical easy access engine elease | Coming home lighting

%

Ηz

EMMS

52/58

33



#### **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 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.









