



# GRW 18

GRW 18 - Rubber-wheeled roller



- ▶ Two-point steering; good stability
- ▶ Pressure distribution 1:1 and uniform weight distribution on each tyre
- ▶ 50-mm tyre overlap on both sides
- ▶ Simple operation, convenient maintenance
- ▶ Soft, continuously variable driving thanks to hydrodynamic gearbox
- ▶ 20 km/h transport speed, excellent construction site mobility
- ▶ Range of ballast variations

## GRW 18

**Weights**

Basic weight no cab, without ROPS	kg	13985
Operat. weight with cab, with ROPS	kg	15045
Operating weight, max.	kg	28000
Axle load, front/rear	kg	6910/8135
Load per tyre, front/rear	kg	1727,5/2033,75
French classific., data/class		20,3/P0

**Machine dimensions**

Max. working width	mm	1986
Ground clearance, left/right	mm	800/800
Ground clearance, centre	mm	330
Turning radius, inside	mm	5900
Size of tyres, front/rear		11.00-R20/11.00-R20

**Diesel engine**

Manufacturer	DEUTZ
Type	TCD 2012 L04 2V
Number of cylinders	4
Power rat. ISO 14396, kW/PS/rpm	85,0/115,6/2300
Power rating SAE J1349, kW/HP/rpm	85,0/113,9/2300
Emissions standard EU/USA	III A / Tier 3
Fuel tank, capacity	L 198

**Drive**

Hydrodynamic drive		rear
Speed, working gear	km/h	0-5,2/0-11,5
Speed, transportation gear	km/h	0-21,2
Climbing ability, with/no ballast	%	25/35

**Steering**

Steering, type		Two-point steering
Steering, actuation		hydrostatic, steering wheel
Steering angle +/-	°	30
Oscillation angle +/-	°	4

**Sprinkler system**

Water sprinkler, type		Pressure
Actuation, sprinkling		manual
Water tank, capacity	L	750

**Equipment**

Driver stand can be accessed from both sides; dampened, adjustable seat, Right-hand steering, Instrument panel with operating hours counter and operating instruments, 2 working mirrors, 2 additional spotlights

**Optional equipment**

Comfort driver cab, 2 lockable doors, Fan, Interior rearview mirror, Edge cutter, Tyre heating, Thermal apron, Dual driver stand, Water pump for filling, Heating with dust-free ventilation, Seat belt, Sound insulation, Automatic tyre level system: from driver seat, can use a powerful compressor to regulate inflation pressure quickly (from 1.5–8 bar) while driving, Tyre inflation using tyre inflation hose and manometer, Engine 2012C

<b>Total length</b>	<b>L</b>	<b>4745</b>	
<b>Width</b>	<b>B</b>	<b>2160</b>	
<b>Total height</b>	<b>H</b>	<b>3355</b>	
<b>Wheel base</b>	<b>A</b>	<b>3595</b>	
<b>Width over tyres</b>	<b>Y</b>	<b>1744/1744</b>	
<b>Diameter of tyres</b>	<b>R</b>	<b>1070/1070</b>	
<b>Height loading, min.</b>	<b>HI</b>	<b>2630</b>	

