



OECD approval number

2/2 234

Restricted Code

23/03/2005

OECD approval date

Make

AGCO

Model

RT 100

Type

4 WD

G30 - CVT - 40 km/h

Manufacturer

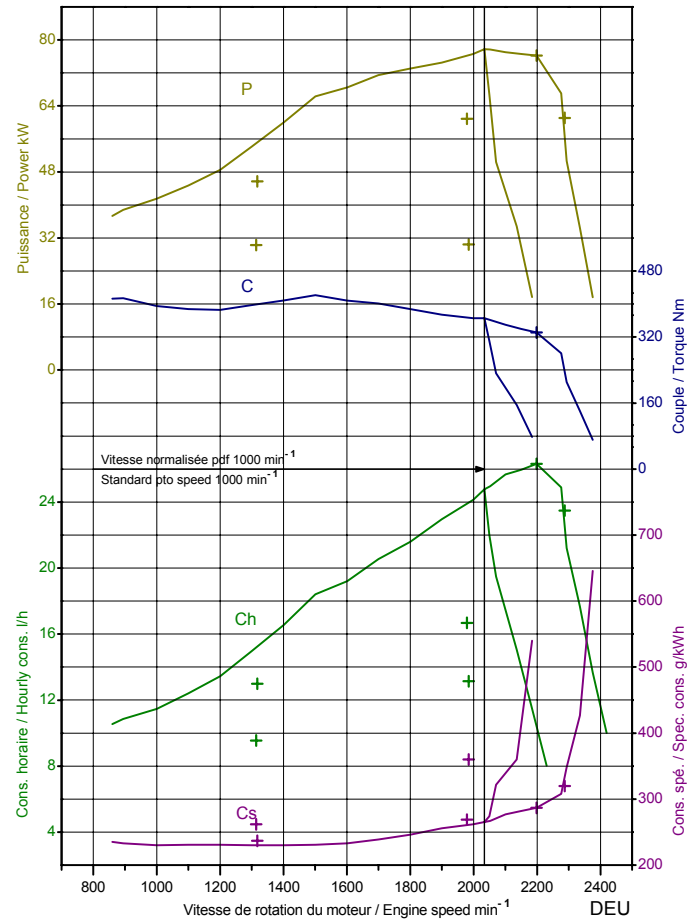
AGCO S.A.

Testing station

DLG, Gross-Umstadt, Germany

AGCO RT 100  
4 RM/WD

OCDE/OECD 2/2234



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Cummins	6BTA6.7MECH	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	6830 cm <sup>3</sup>	Liquid	
<i>Gear box</i>		Hydrostatic and mechanical	
<i>Number of forward and reverse speeds</i>		Not significant	
<i>Speed at rated engine speed</i>		from 0.00	to 40.00 km/h
<u>Standard Power take-off speed</u>		<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>		576 min <sup>-1</sup>	1083 min <sup>-1</sup>
<i>Diameter of the shaft</i>		35 mm	35 mm
<i>Number of splines</i>		6	21

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	77.8 kW	2034 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24.78 l/h	265 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76.2 kW	2199 min <sup>-1</sup>	1081 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		26.32 l/h	287 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	77.8 kW	2034 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24.78 l/h	265 g/kWh

Torque rise

<u>Maximum torque. Engine speed corresponding</u>		422.0 Nm	1501 min <sup>-1</sup>
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**Drawbar Test***Front tyres, Rear tyres*

14.9 R 28      18.4 R 38

Test with tractorunballasted      ballasted*Total Mass*

6830 kg

*Maximum drawbar pull*

66.4 kN

*at speed of*

2.60 km/h

*Not required**Maximum power*

66.7 kW

*in**at speed of*

7.17 km/h

*Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

107.9 l/min

16.4 MPa

29.6 kW

Maximum lifting force*at hitch points, at frame*

61.3 kN

48.6 kN

