



**OECD approval number**

**2/2 189**

**Restricted Code**

**25/10/2004**

**OECD approval date**

**Make**

**New Holland**

**Model**

**TG 285**

**Type**

**4 WD**

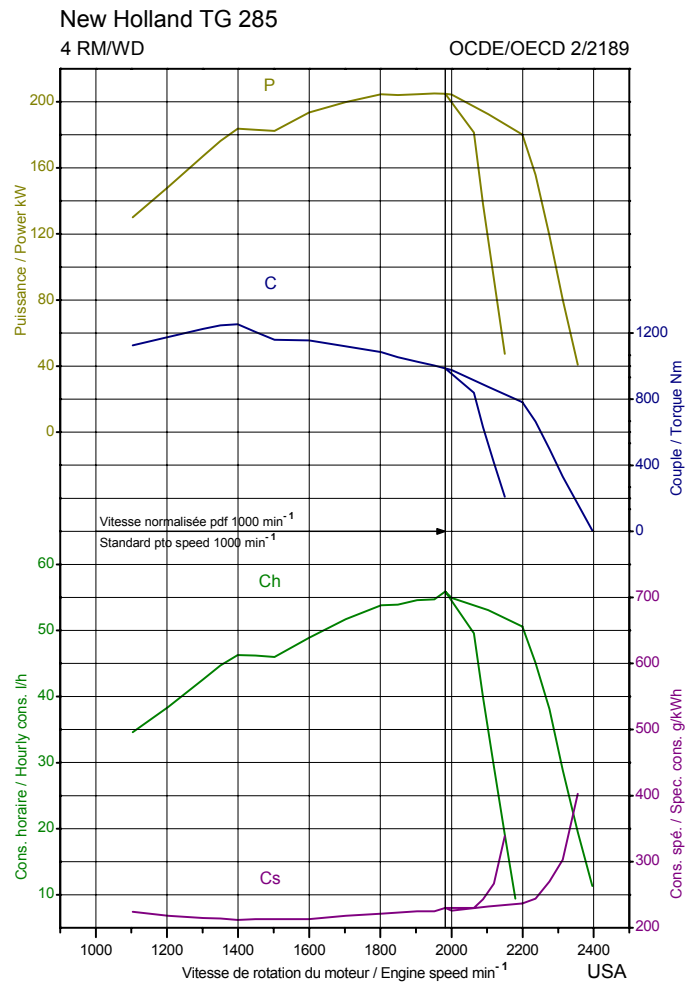
**MFWD**

*Manufacturer*

**CNH America LLC**

*Testing station:*

**Nebraska Tractor Test Laboratory, Lincoln, USA**



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

<i>Make, Model</i>	Consolidated Diesel	6TAA-8304
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8268 cm <sup>3</sup>	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>		18 4
<i>Speed at rated engine speed</i>		from 3.15 to 36.39 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>		1109 min <sup>-1</sup>
<i>Diameter of the shaft</i>		44 mm
<i>Number of splines</i>		20

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

<i>Power, Engine and Power take-off speed</i>	204.9 kW	1982 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		55.93 l/h	230 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	180.1 kW	2199 min <sup>-1</sup>	1110 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		50.61 l/h	237 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	204.9 kW	1982 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		55.93 l/h	230 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		1254.0 Nm	1399 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>	420/90 R 30	520/85 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	9609 kg	14148 kg
<i>Maximum drawbar pull</i>	92.3 kN	136.3 kN
<i>at speed of</i>	5.53 km/h	3.77 km/h
<i>Maximum power</i>	174.2 kW	175.4 kW
<i>at speed of</i>	9.42 km/h	8.35 km/h

**Hydraulic Performance and Power Lift Test**

*Hydraulic system* Closed centre

At maximum hydraulic power

*Flow rate, Pressure, Power (couplers: 1 pair)*

<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	142.3 l/min	19.7 MPa	46.7 kW
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Maximum lifting force

<i>at the hitch points, at frame (Cat. 3, 2xØ 95 mm cylinders)</i>	85.0 kN	72.8 kN
<i>at the hitch points, at frame (Cat. 3, Euro, 1xØ 95 &amp; 1xØ 105 mm cyl.)</i>	79.6 kN	74.3 kN
<i>at the hitch points, at frame (Cat. 3, 1xØ 95 &amp; 1xØ 105 mm cyl.)</i>	96.7 kN	79.8 kN

