



OECD approval number

2/2 184

Restricted Code

25/10/2004

OECD approval date

Make

Case IH

Model

MX 210

Type

4 WD

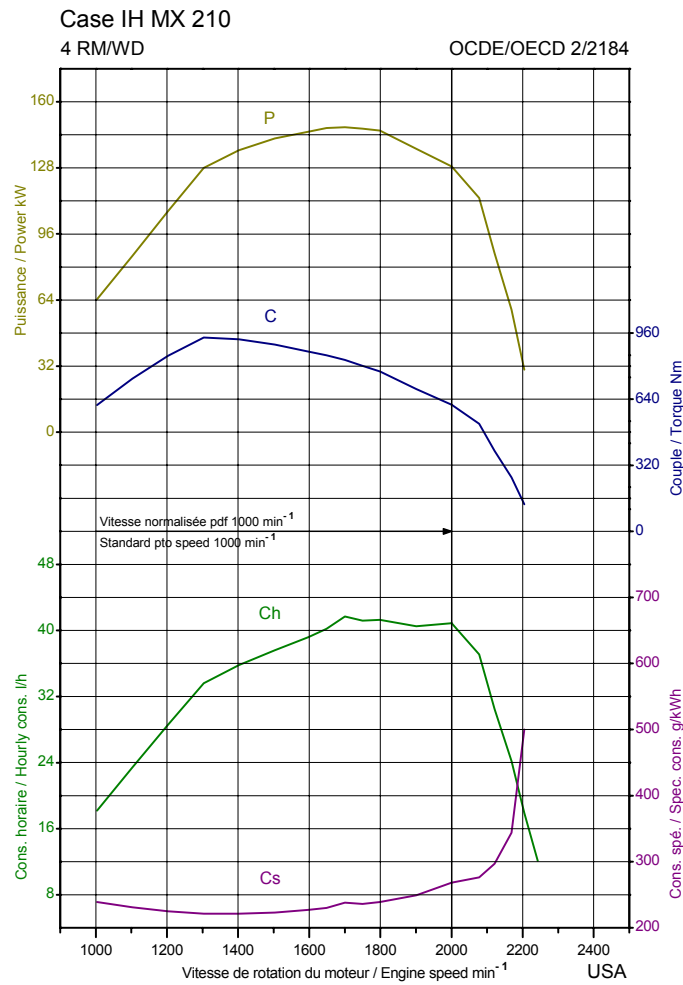
MFWD

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-830
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8268 cm ³	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⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		1003 min ⁻¹
<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>	147.7 kW	1700 min ⁻¹	851 min ⁻¹
<i>Hourly and specific consumption</i>		41.74 l/h	238 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	128.7 kW	2000 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		40.92 l/h	268 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	128.7 kW	2000 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		40.92 l/h	268 g/kWh

Torque rise

<u>Maximum torque. Engine speed corresponding</u>		939.0 Nm	1303 min ⁻¹
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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>	9165 kg	10224 kg
<i>Maximum drawbar pull</i>	87.1 kN	102.0 kN
<i>at speed of</i>	4.13 km/h	3.75 km/h
<i>Maximum power</i>	122.3 kW	125.5 kW
<i>at speed of</i>	7.86 km/h	6.84 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>	146.1 l/min	19.0 MPa	46.2 kW
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Maximum lifting force

<i>at the hitch points, at frame (Cat. 3, 2xØ 89 mm cylinders)</i>	73.5 kN	62.6 kN
<i>at the hitch points, at frame (Cat. 3, Euro, 1xØ 89 & 1xØ 95 mm cyl.)</i>	67.0 kN	63.7 kN
<i>at the hitch points, at frame (Cat. 3, 2xØ 95 mm cylinders)</i>	85.0 kN	72.8 kN

