

# OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

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<b>OECD Approval Number</b>	<b>2/2 964</b>
<b>OECD Approval Date</b>	<b>22/07/2016</b>
<b>Make</b>	<b>CASE IH</b>
<b>Model</b>	<b>Puma 200 CVT</b>
<b>Type</b>	<b>4 WD</b>
Transmission	Continuously variable transmission
Speed	50 km/h
Manufacturer	CNH Industrial Europe Holding S.A.
Testing Station	BLT – Austria



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## SPECIFICATIONS

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### ENGINE

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<i>Make</i>	FTP Industrial
<i>Model</i>	F4DFE613K*B
<i>Type</i>	Direct injection
<i>Supercharging</i>	Yes
<i>Cylinders</i>	6
<i>Disposition</i>	vertical in line
<i>Capacity</i>	6728 cm <sup>3</sup>
<i>Cooling</i>	Liquid

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### TRANSMISSION

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<i>Gear box</i>		CVT
<i>Number of forward and reverse speeds</i>	4	2
<i>Speed at rated engine speed</i>	from 0	to 49,90 km/h

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### POWER TAKE-OFF SPECIFICATIONS

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<i>Standard Power take-off speed</i>	<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>	609 min <sup>-1</sup>	1162 min <sup>-1</sup>
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

PTO TEST RESULTS

One hour test at maximum power

Power, Engine and Power take-off speed	142,7 kW	1800 min <sup>-1</sup>	951 min <sup>-1</sup>
Hourly and specific consumption		39,31 l/h	228 g/kWh
Hourly and specific urea consumption		3,28 l/h	24,8 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	124,5 kW	2200 min <sup>-1</sup>	1163 min <sup>-1</sup>
Hourly and specific consumption		37,07 l/h	246 g/kWh
Hourly and specific urea consumption		3,04 l/h	26,3 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	142,0 kW	1892 min <sup>-1</sup>	1000 min <sup>-1</sup>
Hourly and specific consumption		39,46 l/h	230 g/kWh
Hourly and specific urea consumption		3,17 l/h	24,1 g/kWh

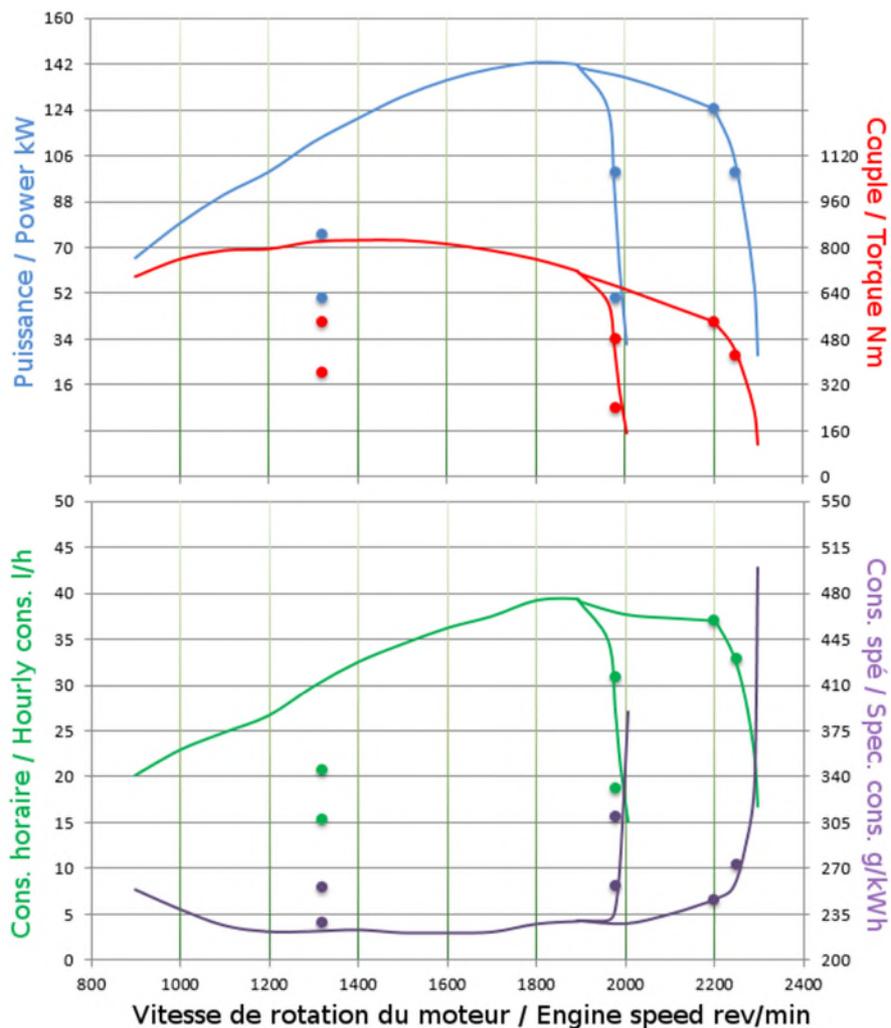
Torque rise

52,2 %

Maximum torque, Engine speed corresponding

822,7 Nm

1500 min<sup>-1</sup>



**POWERBOOST - PTO TEST RESULTS**

One hour test at maximum power

Power, Engine and Power take-off speed	-	-	-
Hourly and specific consumption	-	-	-
Hourly and specific urea consumption	-	-	-

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	138,4 kW	2200 min <sup>-1</sup>	1163 min <sup>-1</sup>
Hourly and specific consumption		40,92 l/h	245 g/kWh
Hourly and specific urea consumption		3,26 l/h	25,5 g/kWh

Test at standard Power take-off speed

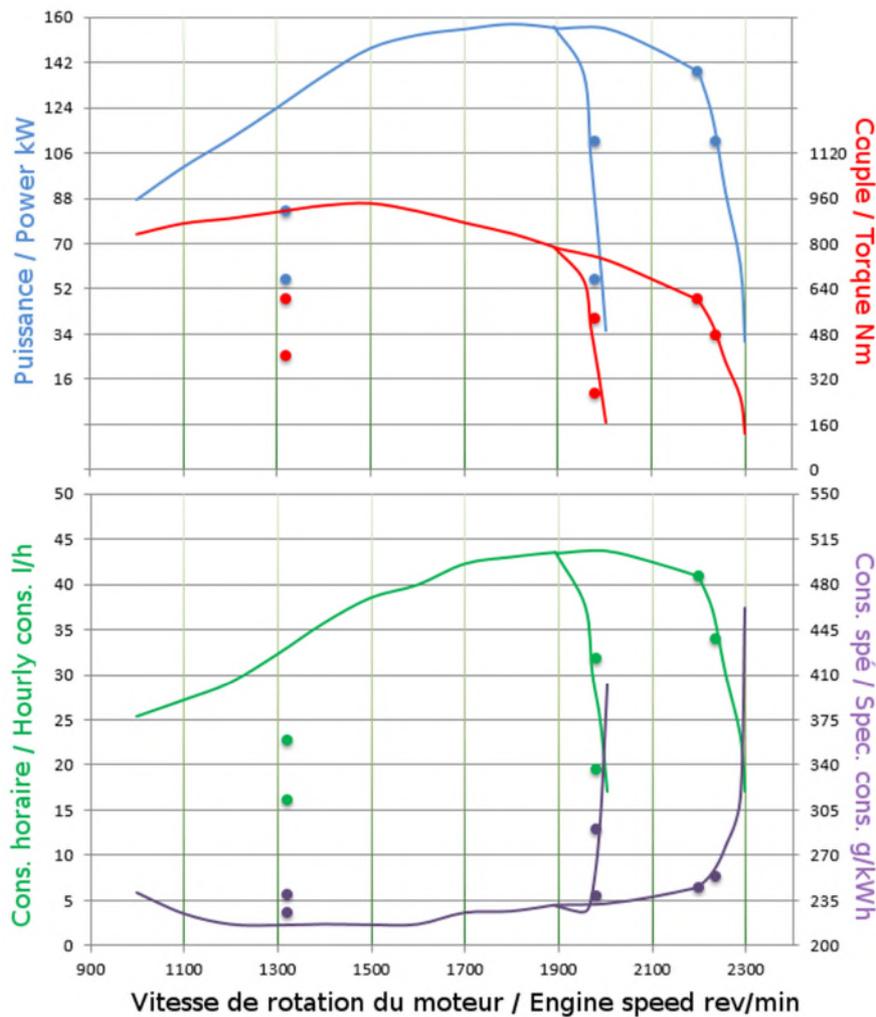
Power, Engine and Power take-off speed	156,0 kW	1892 min <sup>-1</sup>	1000 min <sup>-1</sup>
Hourly and specific consumption		43,54 l/h	231 g/kWh
Hourly and specific urea consumption		3,30 l/h	22,8 g/kWh

Torque rise

56,7 %

Maximum torque, Engine speed corresponding

941,3 Nm 1500 min<sup>-1</sup>



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 PARTICULATE FILTER ACTIVE REGENERATION FUEL USE
 

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*Not available*

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 HYDRAULIC PERFORMANCE AND POWER LIFT TEST
 

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Hydraulic system

closed centre

Relief valve pressure setting (tolerance):

21,0 ± 0,5 MPa

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 HYDRAULIC PERFORMANCES
 

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At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	113,4 l/min	17,0 MPa	32,1 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	129,4 l/min	17,0 MPa	36,7 kW

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 POWER LIFT
 

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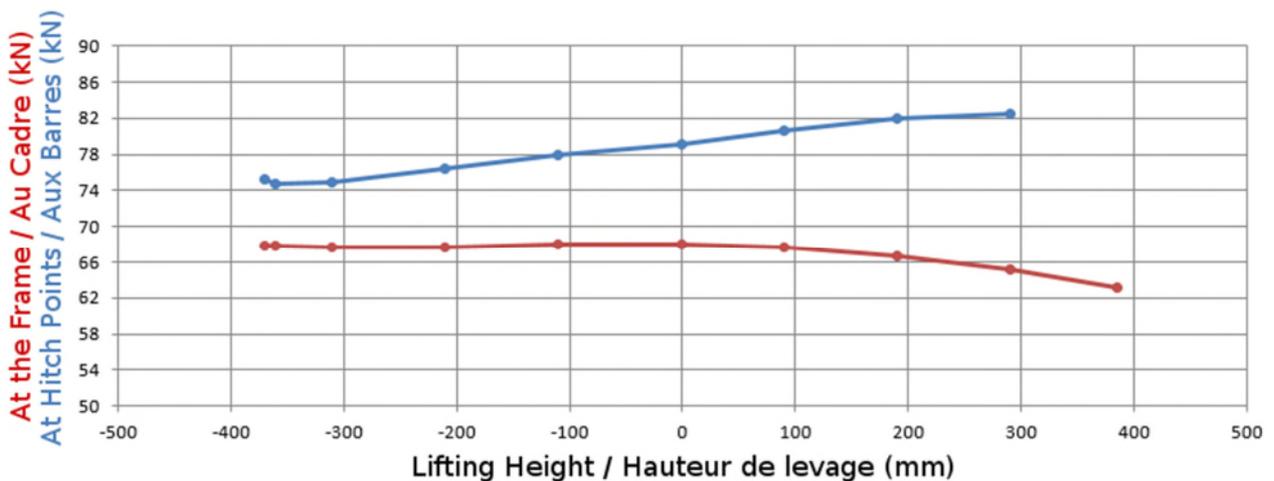
Maximum lifting force

at the hitch points

74,8 kN

at the frame

63,1 kN



## DRAWBAR TEST

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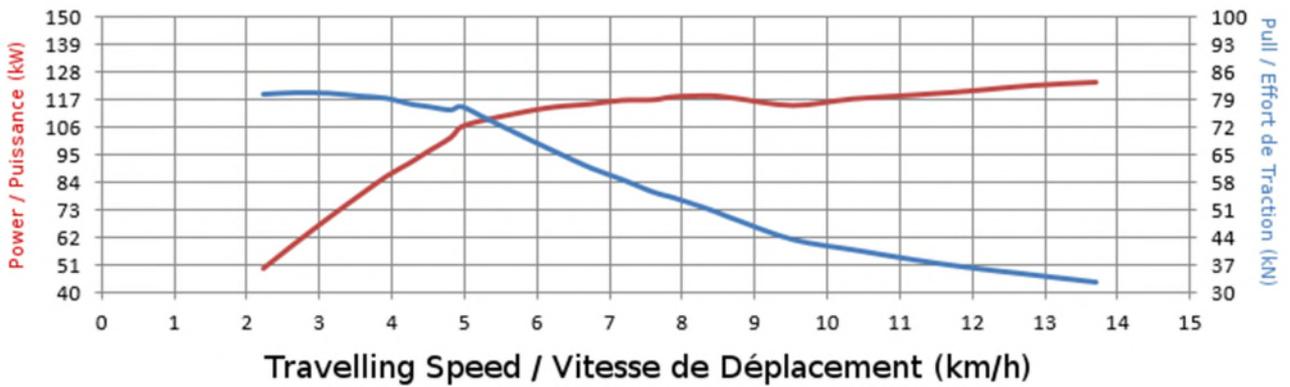
Front tyres, Rear tyres	VF600/60 R 30	VF710/60 R 42
Inflation pressure	110 kPa	110 kPa

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### UNBALLASTED

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Total Mass	8815 kg
Maximum drawbar pull	80,83 kN
at speed of	2,66 km/h
Maximum power	124,15 kW
at speed of	13,70 km/h



### BALLASTED

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*Not available*