



OECD approval number

1/2 004

OECD approval date

**Full Code
04/10/2002**

Make

Huanghai

Model

JIN MA-304

Type

4 WD

Manufacturer

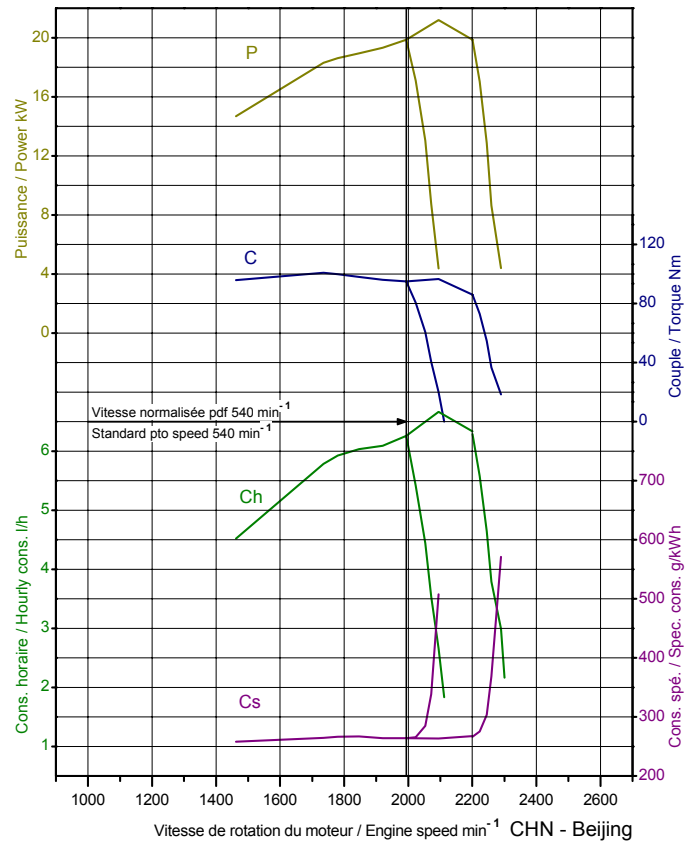
Yancheng Tractor Works

Testing station:

CAMTC, Beijing, China

Huanghai JIN MA-304
4 RM/WD

OCDE/OECD 1/2004



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Jianghuai	TY395IT
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2230 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>		8 2
<i>Speed at rated engine speed</i>		from 1.77 to 24.55 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>		596 min ⁻¹ None
<i>Diameter of the shaft</i>		35 mm
<i>Number of splines</i>		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	21.2 kW	2094 min ⁻¹	567 min ⁻¹
<i>Hourly and specific consumption</i>		6.66 l/h	263 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	19.9 kW	2201 min ⁻¹	596 min ⁻¹
<i>Hourly and specific consumption</i>		6.34 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	19.9 kW	1994 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		6.26 l/h	264 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		100.8 Nm	1735 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>		6.00 - 16	11.2 - 24
<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>		1750 kg	1944 kg
<i>Maximum drawbar pull</i>		12.7 kN	14.4 kN
<i>at speed of</i>		1.63 km/h	3.27 km/h
<i>Maximum power</i>		17.6 kW	18.0 kW
<i>at speed of</i>		6.99 km/h	9.17 km/h

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>			Opened centre
<i>Maximum lifting force at hitch points, at frame</i>		6.5 kN	4.6 kN
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	16.8 l/min	10.0 MPa	2.8 kW

