



OECD approval number

2/2 382

Restricted Code

OECD approval date

27/08/2007

Make

HHJM

Model

300

Type

2 WD

30 km/h

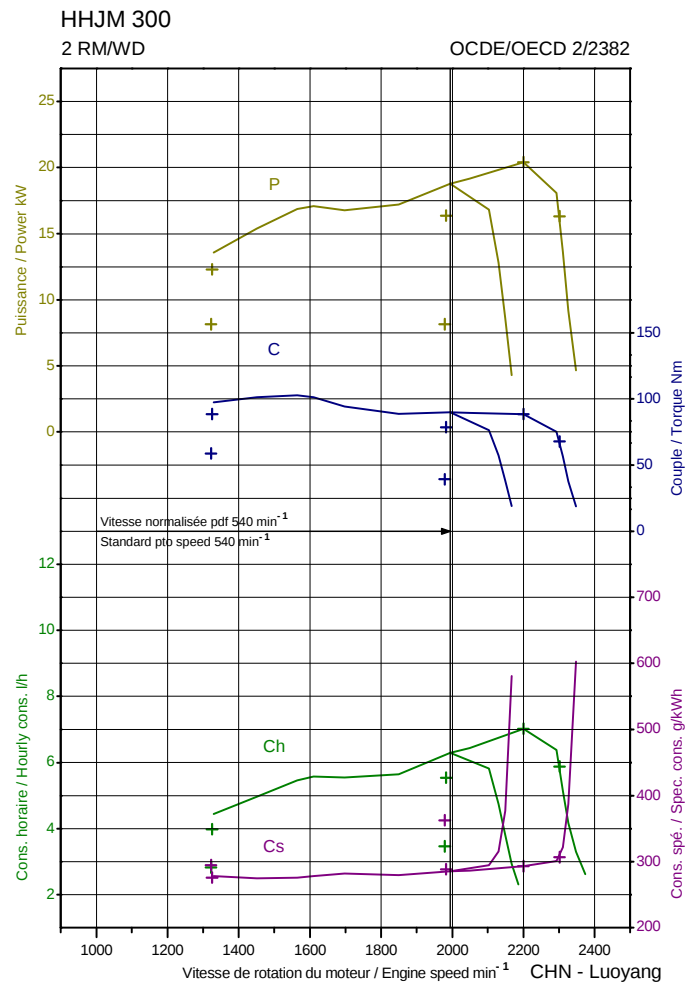
Manufacturer

Jiangsu Yueda Yancheng

Tractor Manufacturing Co., Ltd.

Testing station:

COTTEC, Luoyang, China



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Jiangsu Jianghuai	TY395IT
<i>Type, Supercharging</i>	Direct 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 2.10	to 26.94 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	596 min ⁻¹	1047 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	20.4 kW	2200 min ⁻¹	596 min ⁻¹
<i>Hourly and specific consumption</i>		7.02 l/h	293 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	20.4 kW	2200 min ⁻¹	596 min ⁻¹
<i>Hourly and specific consumption</i>		7.02 l/h	293 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	18.8 kW	1994 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		6.29 l/h	286 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	102.9 Nm	1565 min ⁻¹	16.1 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	5.00 - 15	11.2 - 24
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1572 kg	1785 kg
<i>Maximum drawbar pull</i>	10.3 kN	11.3 kN
<i>at speed of</i>	5.26 km/h	1.91 km/h
<i>Maximum power</i>	18.4 kW	18.8 kW
<i>at speed of</i>	8.88 km/h	8.90 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>	Opened centre		
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At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	21.7 l/min	12.9 MPa	4.7 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>			

Maximum lifting force

<i>at the hitch points, at frame</i>	10.6 kN	7.5 kN	
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