



OECD approval number

1/1 872

OECD approval date

Full Code
05/01/00

Make

Jiangsu

Model

650

Type

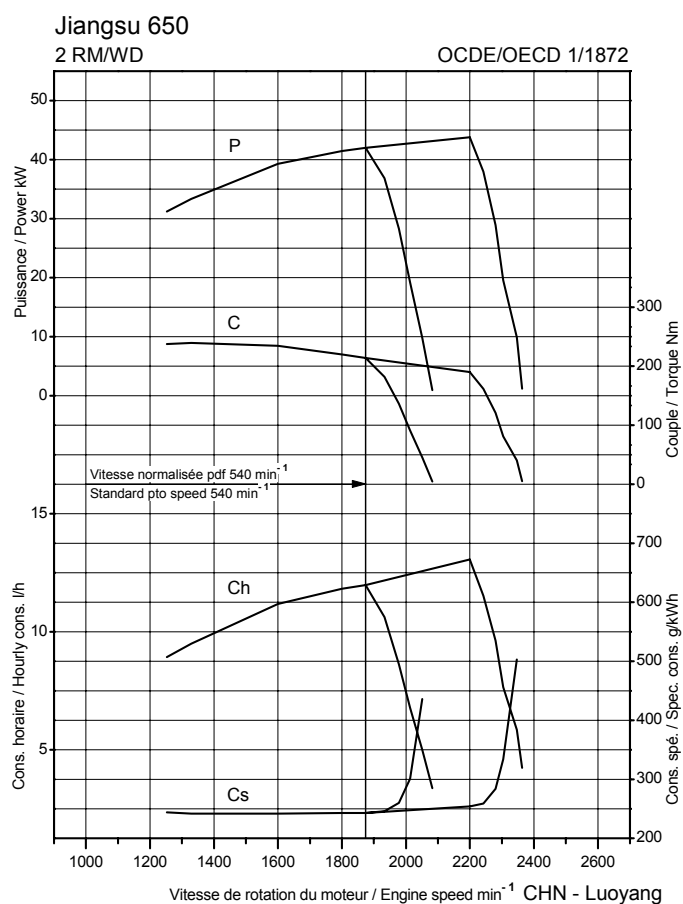
2 WD

Manufacturer

Yituo Qingjiang Tractor Co. Ltd

Testing station:

COTTEC, Luoyang, China



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	China Yituo Group Co. Ltd Diesel Engine Co. Ltd	LR4105T7
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4330 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 2.42	to 32.05 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>	634 min ⁻¹	1150 min ⁻¹
<i>Diameter of the shaft</i>	34.79 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>	43.8 kW	2200 min ⁻¹	634 min ⁻¹
<i>Hourly and specific consumption</i>		13.06 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	43.8 kW	2200 min ⁻¹	634 min ⁻¹
<i>Hourly and specific consumption</i>		13.06 l/h	254 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	42.0 kW	1874 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		11.97 l/h	243 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		239.8 Nm	1329 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	6.50 - 20	14.9 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2276 kg	2894 kg
<i>Maximum drawbar pull</i>	16.9 kN	20.8 kN
<i>at speed of</i>	5.20 km/h	5.17 km/h
<i>Maximum power</i>	37.0 kW	38.4 kW
<i>at speed of</i>	8.55 km/h	8.83 km/h

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	21.2 kN	11.3 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	28.9 l/min	15.6 MPa 7.5 kW

