

# OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

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<b>OECD Approval Number</b>	<b>2/2 872</b>
<b>OECD Approval Date</b>	<b>04/02/2015</b>
<b>Make</b>	<b>LANDINI</b>
<b>Model</b>	<b>LANDFORCE 125</b>
<b>Type</b>	<b>4 WD</b>
Transmission	mechanical
Speed	40 km/h
Manufacturer	ARGO TRACTORS S.p.A.
Testing Station	DISTAL – Italy



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## SPECIFICATIONS

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### ENGINE

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<i>Make</i>		FTP PERKINS
<i>Model</i>		F4CE9484J*J
<i>Type</i>		Direct injection
<i>Supercharging</i>		Yes
<i>Cylinders</i>		4
<i>Disposition</i>		vertical in line
<i>Capacity</i>		4485 cm <sup>3</sup>
<i>Cooling</i>		Liquid

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### TRANSMISSION

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<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 1,80	to 36,94 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>	611 min <sup>-1</sup>	1152 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	71,8 kW	2200 min <sup>-1</sup>	1148 min <sup>-1</sup>
Hourly and specific consumption		25,94 l/h	302 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

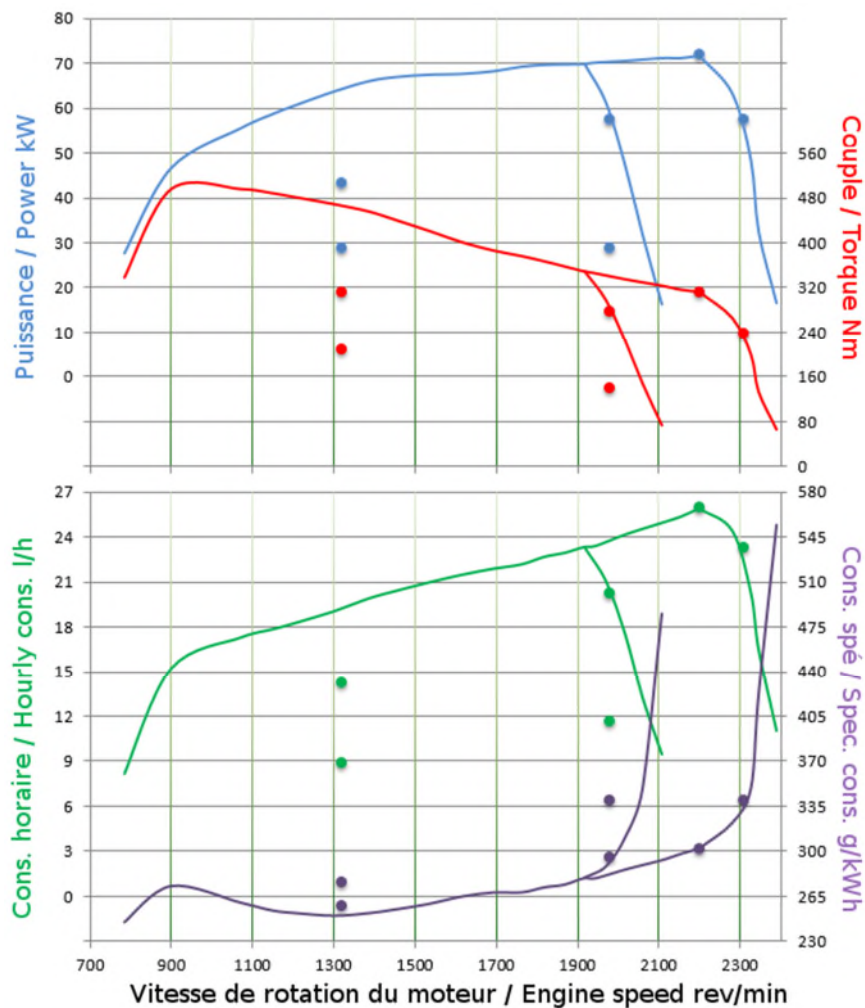
Power, Engine and Power take-off speed	71,8 kW	2200 min <sup>-1</sup>	1148 min <sup>-1</sup>
Hourly and specific consumption		25,94 l/h	302 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	69,9 kW	1916 min <sup>-1</sup>	1000 min <sup>-1</sup>
Hourly and specific consumption		23,35 l/h	279 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

			58,8 %
<u>Maximum torque, Engine speed corresponding</u>		495,0 Nm	1073 min <sup>-1</sup>



PARTICULATE FILTER ACTIVE REGENERATION FUEL USE

*Not Applicable*

HYDRAULIC PERFORMANCE AND POWER LIFT TEST

Hydraulic system

Open centre

Relief valve pressure setting (tolerance):

19 ± 1,0 MPa

HYDRAULIC PERFORMANCES

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)

60,6 l/min

15,9 MPa

16,1 kW

Flow rate, Pressure, Power (couplers: 2 pairs or +)

*Not*

*Applicable*

POWER LIFT

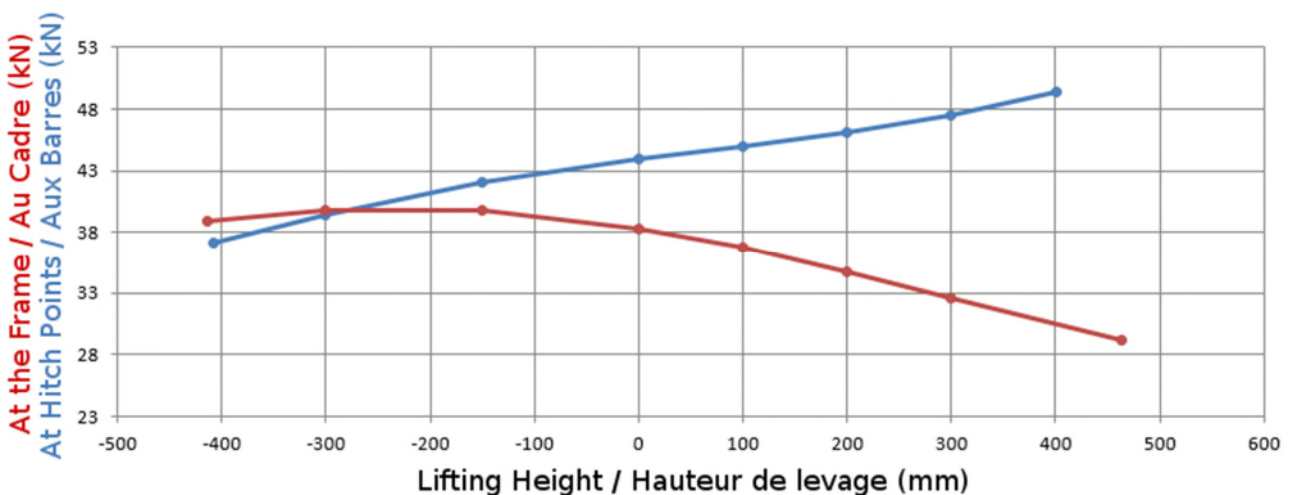
Maximum lifting force

at the hitch points

37,2 kN

at the frame

29,2 kN

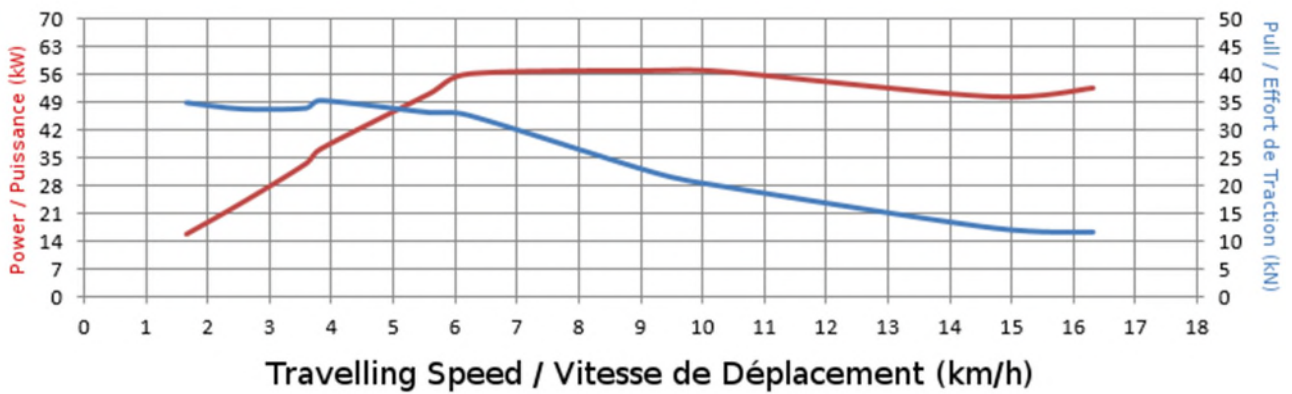


## DRAWBAR TEST

Front tyres, Rear tyres	420/70 R 24	480/70 R 38
Inflation pressure	160 kPa	160 kPa

### UNBALLASTED

Total Mass	4200 kg
Maximum drawbar pull	35,3 kN
at speed of	3,82 km/h
Maximum power	57,1 kW
at speed of	9,21 km/h



### BALLASTED

*Not Applicable*