

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number	2/2 913
OECD Approval Date	23/12/2015
Make	LANDINI
Model	LANDFORCE 115
Type	4WD
Transmission	Mechanical
Speed	40 km/h
Manufacturer	ARGO TRACTORS S.p.A.
Testing Station	DISTAL – Italy



SPECIFICATIONS

ENGINE

<i>Make</i>		FPT
<i>Model</i>		F4CE9484G*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 ³
<i>Cooling</i>		Liquid

TRANSMISSION

<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

POWER TAKE-OFF SPECIFICATIONS

<i>Standard Power take-off speed</i>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	611 min ⁻¹	1148 min ⁻¹
<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	70,0 kW	2200 min ⁻¹	1153 min ⁻¹
Hourly and specific consumption		24,52 l/h	294 g/kWh
Hourly and specific urea consumption		- l/h	- g/kWh-

Test at maximum power at rated engine speed

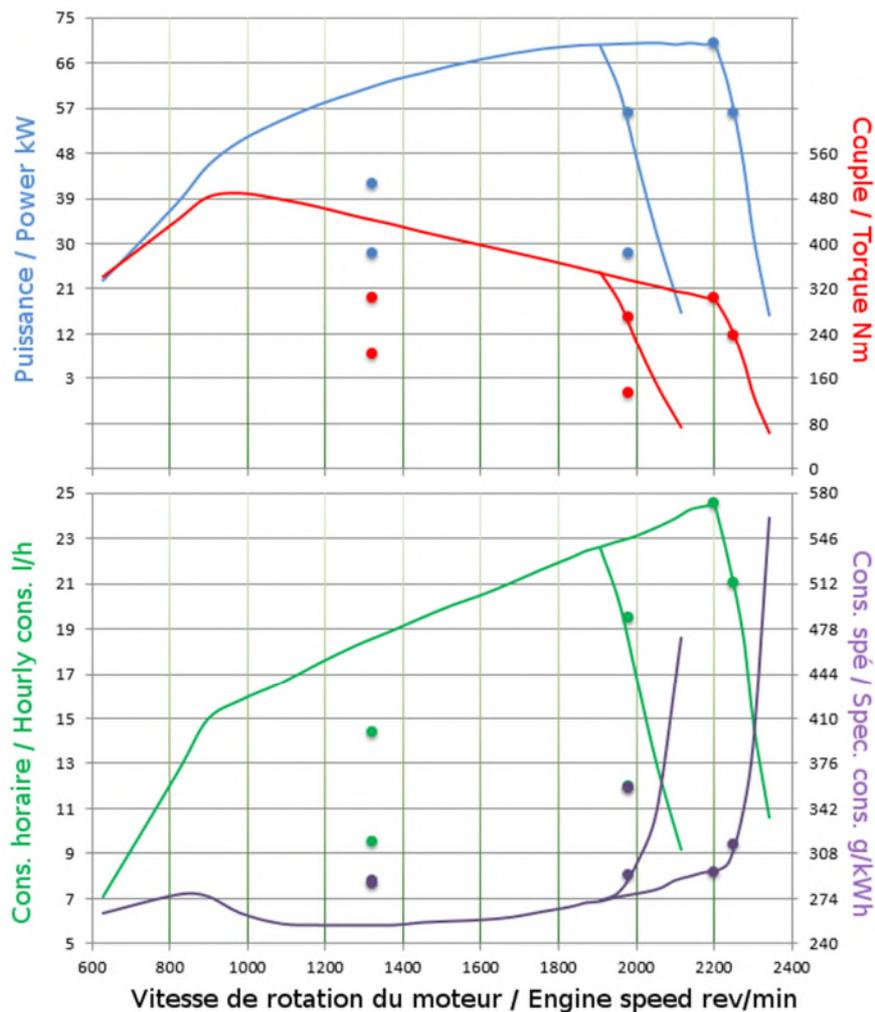
Power, Engine and Power take-off speed	70,0 kW	2200 min ⁻¹	1153 min ⁻¹
Hourly and specific consumption		24,52 l/h	294 g/kWh
Hourly and specific urea consumption		- l/h	- g/kWh-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	69,6 kW	1908 min ⁻¹	1000 min ⁻¹
Hourly and specific consumption		22,63 l/h	272 g/kWh
Hourly and specific urea consumption		- l/h	- g/kWh-

Torque rise

<u>Maximum torque, Engine speed corresponding</u>	489,8 Nm	983 min ⁻¹
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PARTICULATE FILTER ACTIVE REGENERATION FUEL USE

Not Applicable

HYDRAULIC PERFORMANCE AND POWER LIFT TEST

Hydraulic system

Closed centre

Relief valve pressure setting (tolerance):

19 ± 1 MPa

HYDRAULIC PERFORMANCES

At maximum hydraulic power

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

112,2 l/min

16,52 MPa

30,9 kW

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

Not

Applicable

POWER LIFT

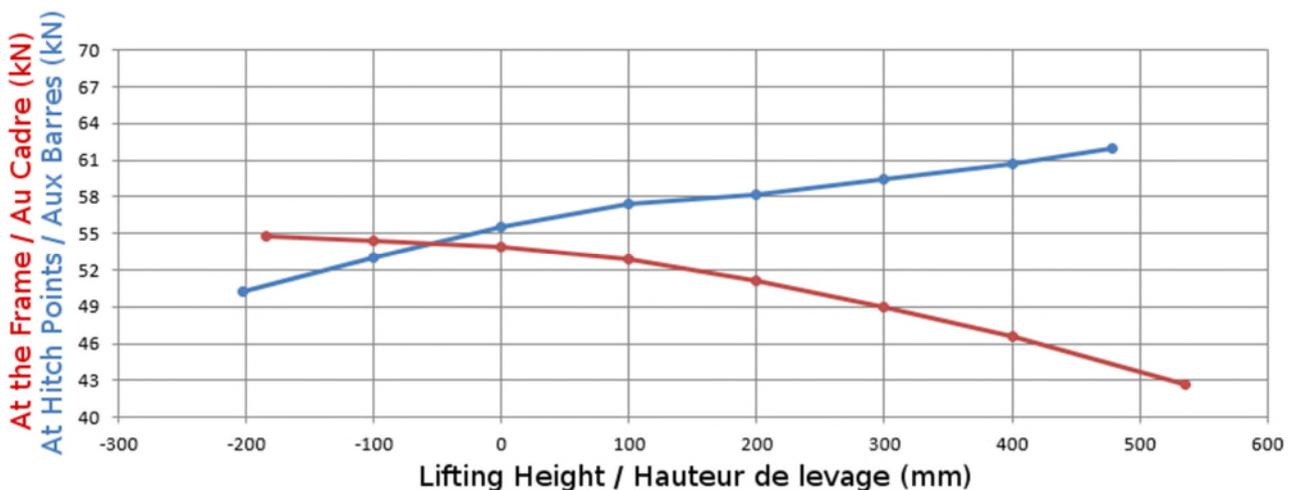
Maximum lifting force

at the hitch points

50,23 kN

at the frame

42,61 kN

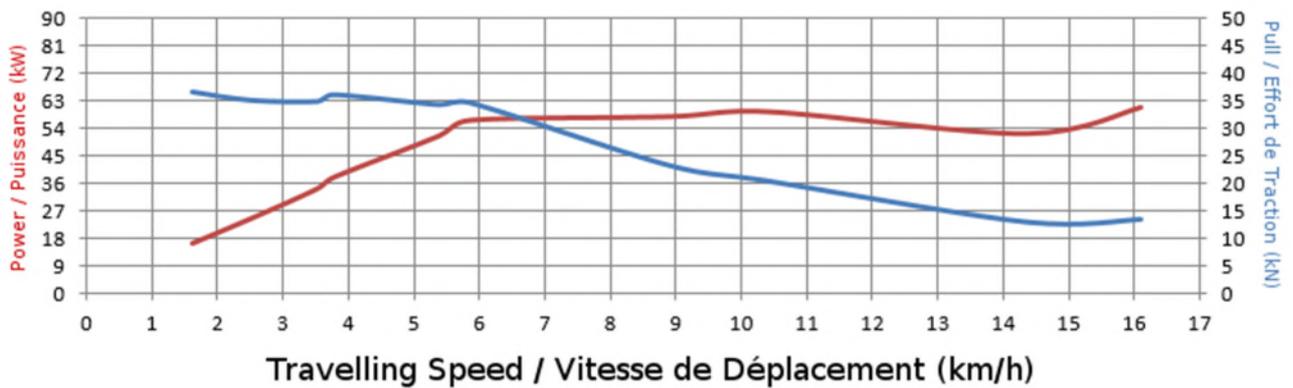


DRAWBAR TEST

Front tyres, Rear tyres	420/70 R24	480/70 R38
Inflation pressure	160 kPa	160 kPa

UNBALLASTED

Total Mass	4500 kg
Maximum drawbar pull at speed of	36,67 kN 1,62 km/h
Maximum power at speed of	60,65 kW 16,09 km/h



BALLASTED

Not Applicable