

## OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

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<b>OECD Approval Number</b>	<b>2/2 871</b>
<b>OECD Approval Date</b>	<b>04/02/2015</b>
<b>Make</b>	<b>LANDINI</b>
<b>Model</b>	<b>LANDFORCE 115</b>
<b>Type</b>	<b>4 WD</b>
Transmission	mechanical
Speed	40 km/h
Manufacturer	ARGO TRACTORS S.p.A.
Testing Station	DISTAL – Italy



## SPECIFICATIONS

### ENGINE

<i>Make</i>	FTP PERKINS
<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 <sup>3</sup>
<i>Cooling</i>	Liquid

### TRANSMISSION

<i>Gear box</i>	Mechanical
<i>Number of forward and reverse speeds</i>	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<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	70,0 kW	2200 min <sup>-1</sup>	1153 min <sup>-1</sup>
Hourly and specific consumption		24,52 l/h	294 g/kWh
Hourly and specific urea consumption		-	-

### Test at maximum power at rated engine speed

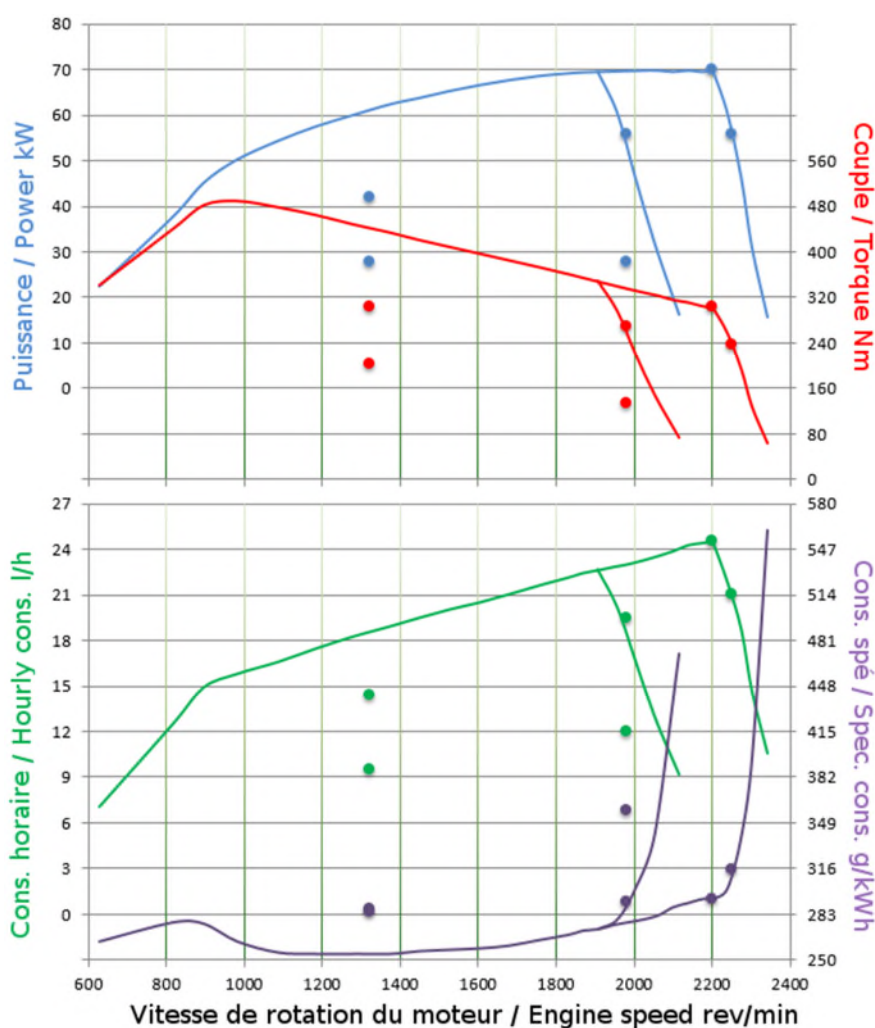
Power, Engine and Power take-off speed	70,0 kW	2200 min <sup>-1</sup>	1153 min <sup>-1</sup>
Hourly and specific consumption		24,52 l/h	294 g/kWh
Hourly and specific urea consumption		-	-

### Test at standard Power take-off speed

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

### Torque rise

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

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*Not Applicable*

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 HYDRAULIC PERFORMANCE AND POWER LIFT TEST
 

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Hydraulic system

Open centre

Relief valve pressure setting (tolerance):

19 ± 1,0 MPa

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 HYDRAULIC PERFORMANCES
 

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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

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 POWER LIFT
 

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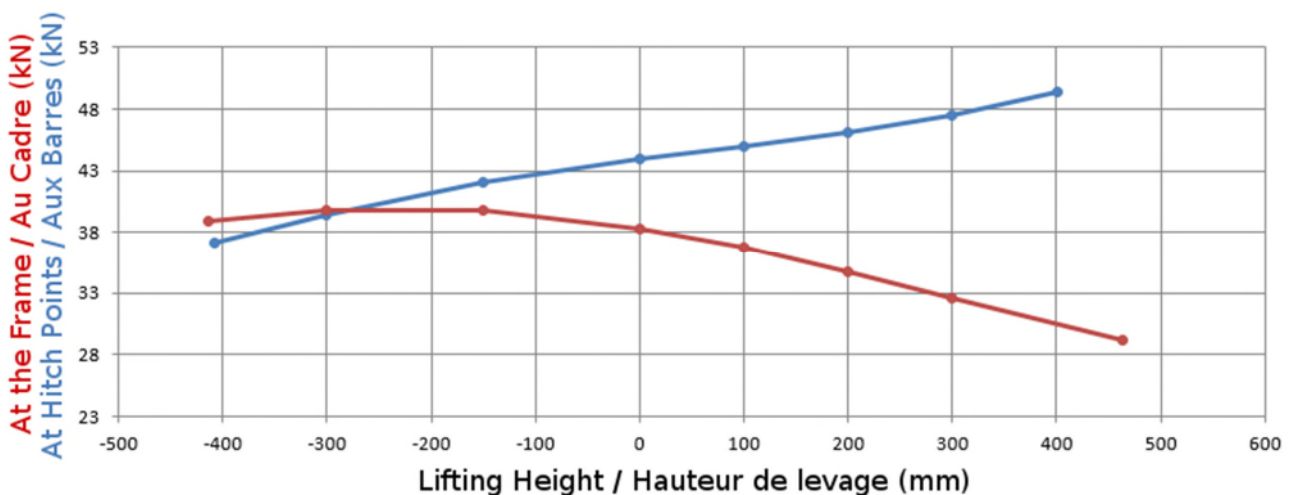
Maximum lifting force

at the hitch points

37,2 kN

at the frame

29,2 kN

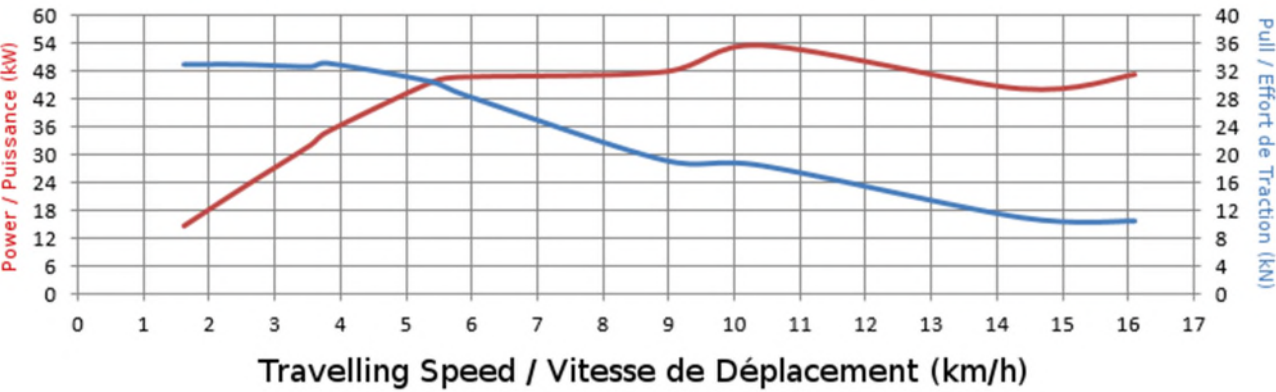


DRAWBAR TEST

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

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Total Mass	4200 kg
Maximum drawbar pull	33,2 kN
at speed of	3,79 km/h
Maximum power	53,5 kW
at speed of	10,41 km/h



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Not Applicable