

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number

2/2 943

OECD Approval Date

07/04/2016

Make	LANDINI
Model	LANDPOWER 125 T3
Make	McCORMICK
Model	G125 MAX

Type

4 WD

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>	NEF6 - F4CE9684L
<i>Type</i>	Direct injection
<i>Supercharging</i>	Yes
<i>Cylinders</i>	6
<i>Disposition</i>	vertical in line
<i>Capacity</i>	6728 cm ³
<i>Cooling</i>	Liquid

TRANSMISSION

<i>Gear box</i>	Mechanical
<i>Number of forward and reverse speeds</i>	18
<i>Speed at rated engine speed</i>	from 1,9 to 38,8 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	1128 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	78,2 kW	2200 min ⁻¹	1128 min ⁻¹
Hourly and specific consumption		26,13 l/h	280 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

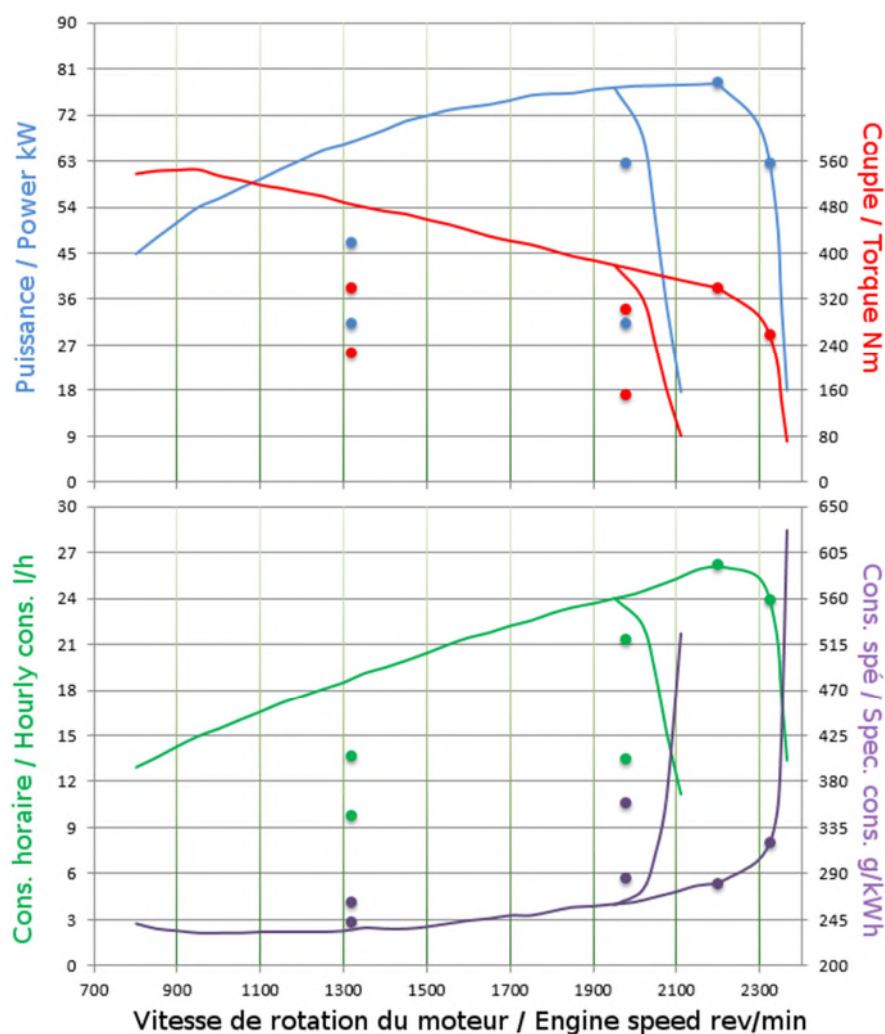
Power, Engine and Power take-off speed	78,2 kW	2200 min ⁻¹	1128 min ⁻¹
Hourly and specific consumption		26,13 l/h	280 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	77,4 kW	1950 min ⁻¹	1000 min ⁻¹
Hourly and specific consumption		23,99 l/h	260 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

Maximum torque, Engine speed corresponding	544,1 Nm	950 min ⁻¹
--	----------	-----------------------



PARTICULATE FILTER ACTIVE REGENERATION FUEL USE

Not Applicable

HYDRAULIC PERFORMANCE AND POWER LIFT TEST

Hydraulic system

open centre

Relief valve pressure setting (tolerance):

20 ± 0,5 MPa

HYDRAULIC PERFORMANCES

At maximum hydraulic power

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

61,43 l/min

18,59 MPa

19,03 kW

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

Not

Applicable

POWER LIFT

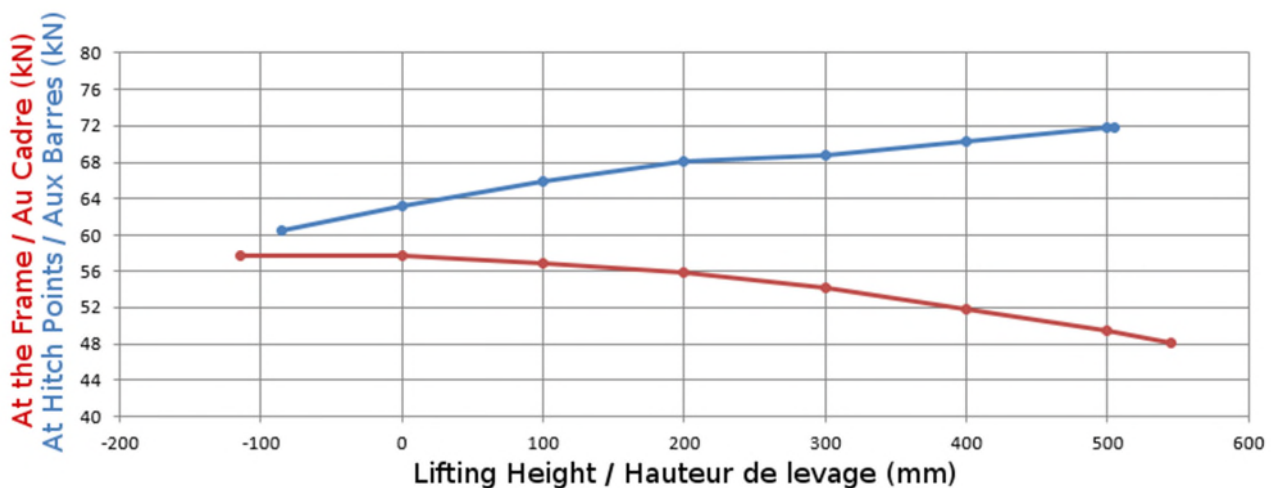
Maximum lifting force

at the hitch points

60,51 kN

at the frame

48,11 kN

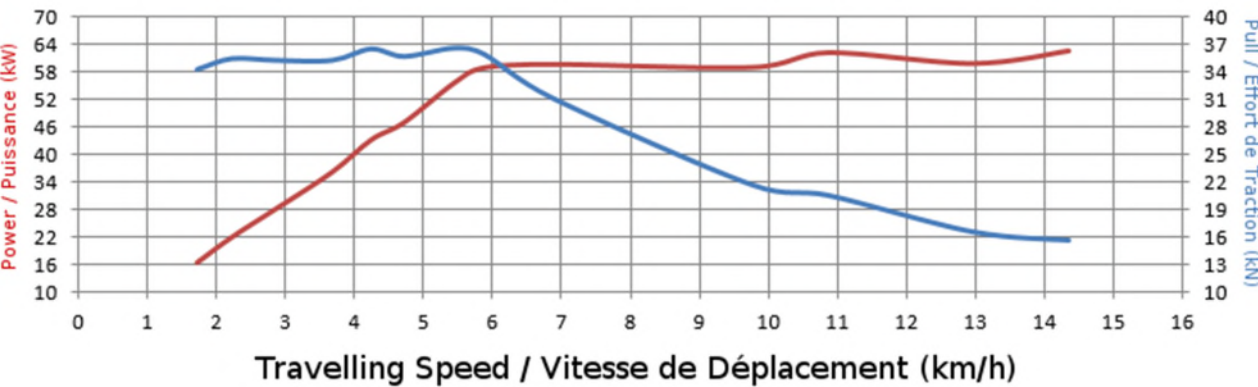


DRAWBAR TEST

Front tyres, Rear tyres	14.9 R28	18.4 R38
Inflation pressure	160 kPa	160 kPa

UNBALLASTED

Total Mass	5145 kg
Maximum drawbar pull	36,61 kN
at speed of	5,45 km/h
Maximum power	62,42 kW
at speed of	14,35 km/h



BALLASTED

Not available