

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number 2/2 939

OECD Approval Date 11/03/2016

Make	LANDINI
Model	MULTIFARM 75

Make	MCCORMIK
Model	A75 MAX

Type 4 WD

Transmission mechanical

Speed 30 km/h

Manufacturer ARGO TRACTORS S.p.A.

Testing Station DISTAL – Italy



SPECIFICATIONS

ENGINE

<i>Make</i>	PERKINS
<i>Model</i>	1104C-44 / 2157/2200
<i>Type</i>	Direct injection
<i>Supercharging</i>	No
<i>Cylinders</i>	4
<i>Disposition</i>	vertical in line
<i>Capacity</i>	4400 cm ³
<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 1,62 to 33,32 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	1146 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	48,3 kW	2200 min ⁻¹	611 min ⁻¹
Hourly and specific consumption		14,70 l/h	255 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

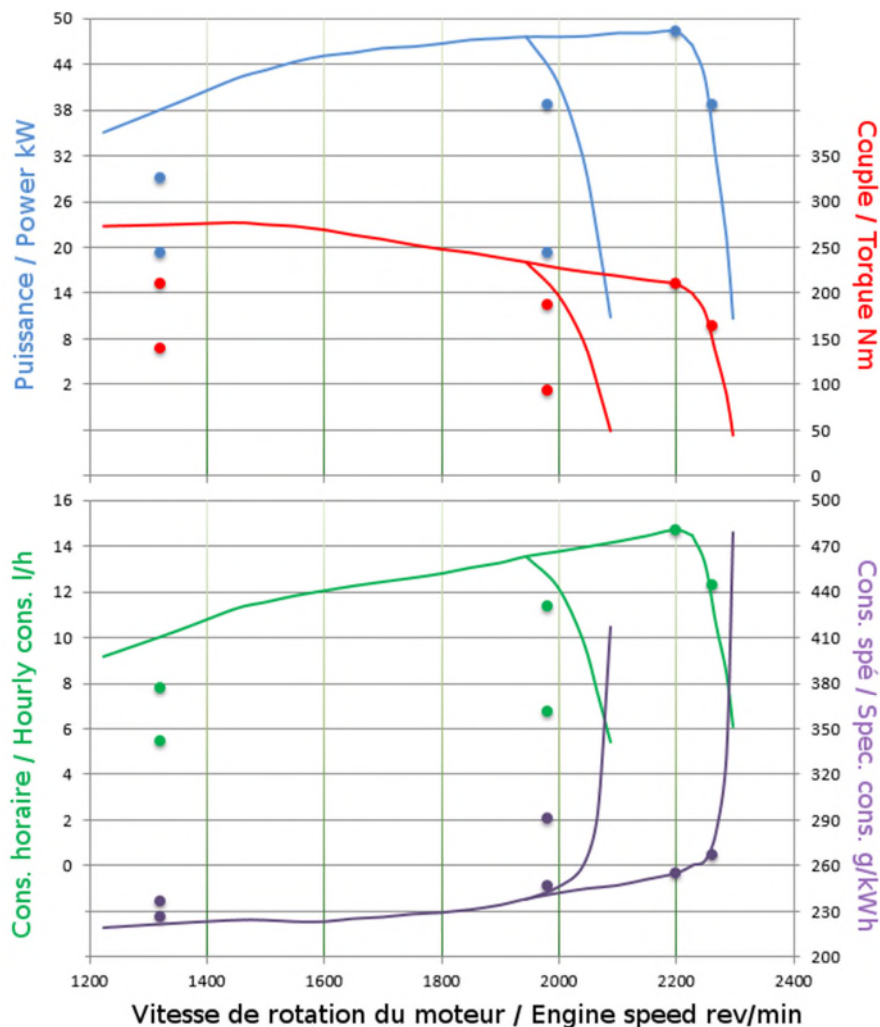
Power, Engine and Power take-off speed	48,3 kW	2200 min ⁻¹	611 min ⁻¹
Hourly and specific consumption		14,70 l/h	255 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	47,6 kW	1944 min ⁻¹	540 min ⁻¹
Hourly and specific consumption		13,53 l/h	238 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

<u>Maximum torque, Engine speed corresponding</u>	277,1 Nm	1450 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): 19 ± 0,5 MPa

HYDRAULIC PERFORMANCES

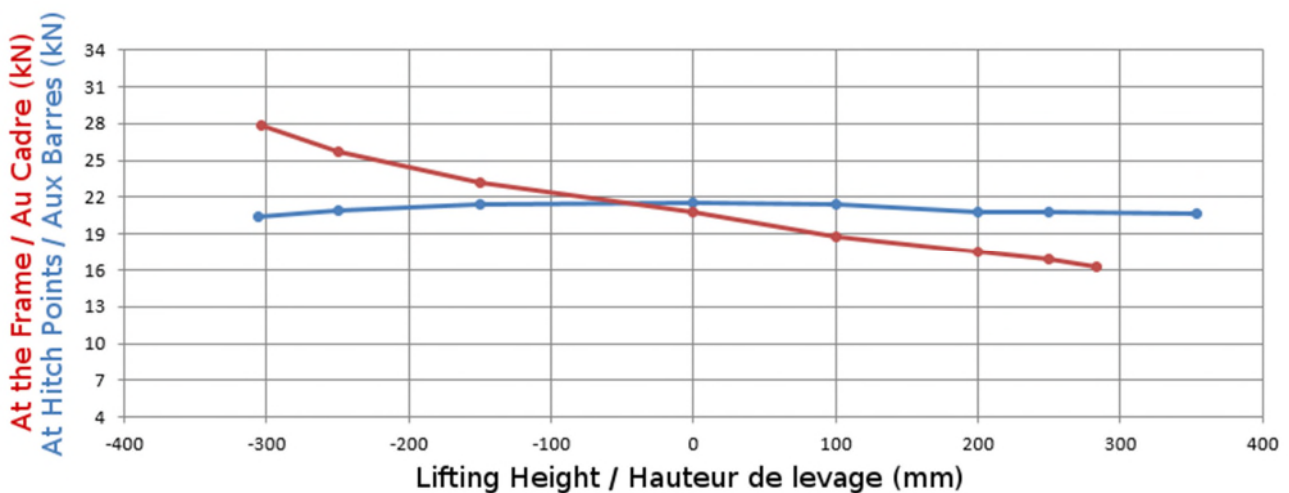
At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	30,56 l/min	17,75 MPa	9,04 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)		<i>Not</i>	<i>Applicable</i>

POWER LIFT

Maximum lifting force

<i>at the hitch points</i>	17,75 kN
<i>at the frame</i>	17,75 kN

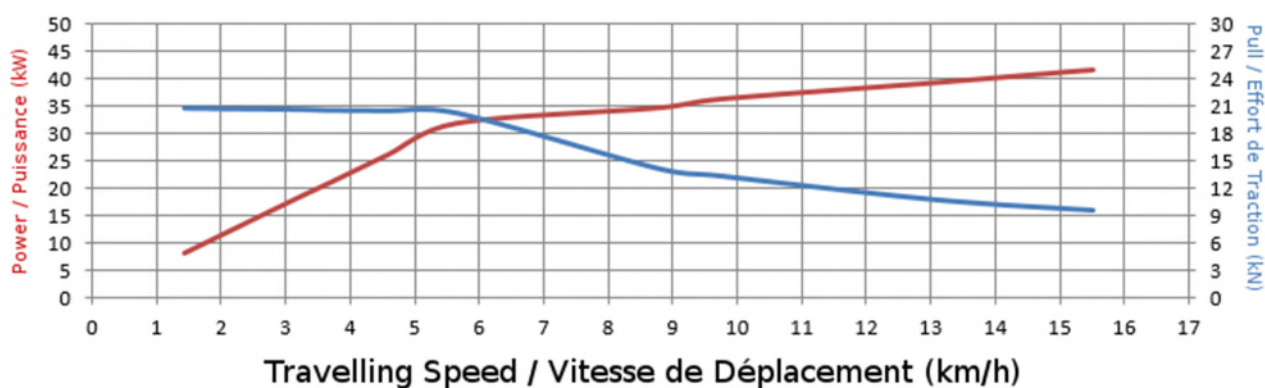


DRAWBAR TEST

Front tyres, Rear tyres	380/70 R20	480/70 R30
Inflation pressure	240 kPa	160 kPa

UNBALLASTED

Total Mass	2750 kg
Maximum drawbar pull	20,82 kN
at speed of	1,43 km/h
Maximum power	41,56 kW
at speed of	15,52 km/h



BALLASTED

Not available