



OECD approval number

2/1 973

OECD approval date

Restricted Code

28/01/2002

Make

Valpadana

Model

4035 W

Type

4 WD

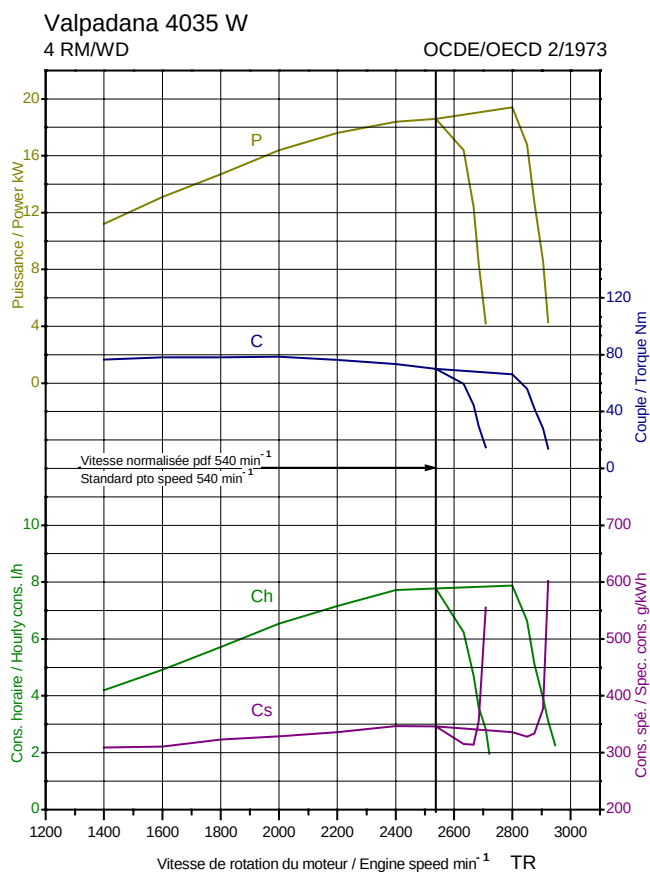
12 speeds - 30 km/h

Manufacturer

Yagmur Tarim Makinalari San.

Testing station:

Tarimsal Mekanizasyon, Ankara, Turkey



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Lombardini	LDW 503/B2
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1551 cm ³	By water
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 0.92	to 22.34 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	596 min ⁻¹	1161 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	19.4 kW	2800 min ⁻¹	596 min ⁻¹
<i>Hourly and specific consumption</i>		7.88 l/h	336 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	19.4 kW	2800 min ⁻¹	596 min ⁻¹
<i>Hourly and specific consumption</i>		7.88 l/h	336 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	18.6 kW	2538 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		7.78 l/h	346 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		78.6 Nm	18.7 % 2000 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	7.5 - 15	12.4 - 20
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1216 kg	
<i>Maximum drawbar pull</i>	8.0 kN	Not
<i>at speed of</i>	2.86 km/h	required
<i>Maximum power</i>	18.4 kW	in
<i>at speed of</i>	8.82 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	9.1 kN	4.8 kN
<i>At maximum hydraulic power</i>		
<i>Flow rate, Pressure, Power</i>	9.4 l/min	12.2 MPa 1.9 kW