

AGROFARM SERIES



DEUTZ-FAHR
AGROFARM 100 - 115



Deutz-Fahr Agrofarm Series MULTI-PURPOSE TRACTOR.

The Agrofarm 100/115 Series provides the ideal answer to a wide variety of needs: offering productivity and versatility in the field, superior manoeuvrability for general farm tasks and speed for quick road transport applications. These tractors combine compact dimensions with comprehensive, high technology equipment to ensure outstanding comfort in all working conditions.

Fuel Efficient Engine

Agrofarm tractors are equipped with powerful four cylinder SDF Series 1000 engines. These 4000 cm³ capacity engines are offered in a choice of power outputs from 96-115hp.

The two different power variants differ from one another in the solutions employed for the engine: the Agrofarm G 100 is powered by a turbocharged unit, the 115 is turbocharged intercooled. Conceived specifically for agricultural use, SDF engines offer plenty of torque right on tap even at low engine speeds, with unsurpassed fuel economy.

The modern high pressure injection system uses a single pump for each cylinder. This is a far more advanced solution than the rotary or in-line pumps used in conventional injection systems, offering performance and extraordinary reliability.

In both models, maximum torque is already available at just 1600 rpm, for remarkable elasticity.



Smooth Power for Maximum Efficiency

The hydraulic systems of the Agrofarm series are equipped with a 56 ensure complete compatibility even with implements with high hydro

Another, separate pump is dedicated to the hydraulic steering system even at low engine speeds and when the lift and auxiliary distributor



Transmission & PTO

The configuration equipping GS versions uses a five-speed, four-range gearbox and equipped with the Powershift Hi-Lo gear, for an astonishing forty speeds in both directions. GS variants are also equipped as standard with the 'Sense Clutch' electrohydraulic reverse power shuttle shuttle, which offers the driver a choice of five different settings to make the shuttle more or less aggressive.



Superior Comfort & Ergonomics

Agrofarm 115 tractor is available as platform, while the Agrofarm 100 is available with either platform or cab variants. The latter come with a state of the art high visibility cab with just four pillars. The GS variant comes standard with the high visibility glass roof which is ideal for front end loader work.

Agrofarm tractors boast a unique, distinctive design, attention to detail and superior ergonomics. The elements of the bodywork are attractively styled, while the modern look of the lights has a functional purpose to prevent interference with implements.

The control levers are rationally and intuitively organised, while the intelligent layout of the instrumentation lets the driver immediately and constantly monitor the main functions of the machine.



5 l/min gear pump feeding an open centre circuit, to hydraulic power demands.

m, ensures extremely smooth, easy steering action as implements are operated.

Safety and Reliability

All Agrofarm tractors are equipped with independent wet disc brakes on all four wheels. This solution ensures car-like stability even under the hardest braking. The brakes are extremely reliable and durable, and ensure an outstanding level of safety even at high speeds.

DEUTZ-FAHR Agrofarm Series

DEALER:

TECHNICAL DATA		AGROFARM	
		100G	115G
Version		DT	DT
ENGINE		100.4 2V SERIES	
Engine	Type	Tier 1	Tier 2
Cylinders/Capacity	No./cc	4/4,000	
Intake		Turbo	Turbo/Intercooler
Homologated power at rated speed (2000/25/EC)	HP/KW	96/70.6	115/84.5
Rated speed	rpm	2,350	2,300
Maximum torque	Nm	342	396
Engine speed at maximum torque	rpm	1,400-1,700	1,400-1,800
Torque rise	%	32	18
Cooling		Liquid-Oil	
Engine		Mechanical	
Air filter		Dry with safety cartridge and dust unloader	
Under-hood silencer		With exhaust on cab A-pillar	
Diesel tank capacity	litres	150	
DIMENSIONS and WEIGHTS (with rear tyres)		42D/85R30	42D/85R30
Maximum length without rear linkage	mm	2,790	2,790
Maximum height at cab	mm	2,790	2,790
Ground clearance	mm	500	500
Wheelbase	mm	2,320	2,320
Front track (minimum/maximum)	mm	1,600 / 2,100	1,630 / 2,030
Rear track (minimum/maximum)	mm	1,602 / 2,002	1,602 / 2,002
Weight with cab	Kg	3,457 / 3,680	3,457 / 3,680
Weight with ROPS	Kg	3,317 / 3,540	3,317 / 3,540

REAR PTO	
Clutch	multiplate wet clutch
Speed	rpm 540-540 ECO-1,000-1,000ECO synchronised PTO with independent output shaft electrohydraulic with push-button control
Operation	
HYDRAULIC LEFT	
Rear lift	Mechanical
Maximum lifting capacity	Kg 4,200 (Agrofarm 100G) 4,800 (Agrofarm 115G)
Pump delivery	L/min 56
Auxilliary hydraulic distributors	No. of ways 2 / 4 / 6
3-point linkage (coupling bars + top link)	Fixed lower link auto-htich ends
RH tie-rod and top link	Mechanically adjustable
DRIVING POSITION	
Platform	Flat platform suspended on silent-block mounts, ROPS with two uprights and sun shade
Cab	Original cab with 4 post structure, soundproofed, pressurised interior, opening windscreen, rear screen wiper, air filter, 4 work lights with "high visibility" roof
Cab climate control	Air conditioning with dust filter, ventilation, heating and forced recirculation
Instrumentation	Analogue - digital
Driver's seat	Mechanically adjustable with safety belt Air suspension with seat belt

TRANSMISSION	
Gearbox clutch	Hydrostatically operated dry plate clutch
HI-LO gearbox (2 power shift gears with 5 synchromesh speeds x 4 ranges (with supercreeper gear)	40 FWD + 40 REV
Max speed	40 Km/h
Shuttle	Mechanical synchronised or hydraulic wet clutch
Rear differential lock	Mechanically operated electrohydraulic with push-button control
Lubrication	Forced circulation
BRAKES AND STEERING	
Braking action	All-wheel, wet discs on all 4 wheels, hydrostatically operated
Parking brake	Independent or electrohydraulic
Trailer table	Hydraulic braking valve, air-braking system
Hydrostatic steering	With independent pump
Steering angle	55°
FRONT AXLE	
Drive engagement	Mechanically operated, electrohydraulically operated
Front differential lock	Mechanical, electrohydraulically operated
Front ballast	8 x 40 Kg suitcase ballast weights

HI-LO GEARBOX, 40 FWD + 40 REV, SPEED IN KM/H AT ENGINE SPEED OF 2,300 RPM WITH 18.4R30 REAR TYRES

1SRL	1SR	2SRL	2SR	3SRL	3SR	4SRL	4SR	5SRL	5SR	1LL	1L	2LL	2L	3LL	3L	4LL	4L	4LL	5L	1NL	1N	2NL	2N	3NL	3N	4NL	4N	5NL	5N	1VL	1V	2VL	2V	3VL	3V	4VL	4V	5VL	5V
0.33	0.39	0.49	0.58	0.66	0.77	0.87	1.01	1.15	1.34	0.94	1.09	1.39	1.62	1.85	2.16	2.44	2.85	3.24	3.78	2.99	3.49	4.43	5.16	5.89	6.87	7.77	9.06	10.3	12.0	9.04	10.5	13.4	15.6	17.8	20.8	23.5	27.4	31.2	36.4

*** = TOP SPEED IN BOTH NORMAL AND ECONOMY ENGINE MODES (100)

N.B.: SPEEDS IN REVERSE ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS.

40.00

For exact specifications please consult your local Deutz-Fahr dealer. The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.



P +64 7 902 2200 F +64 7 902 2201

W www.deutztractors.co.nz

86 Thames Street, Morrinsville 3300

