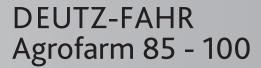
# Agrofarm SERIES







### Deutz-Fahr Agrofarm Series

# **MULTI-PURPOSE TRACTOR.**

The Agrofarm 85/100 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. All models are offered as both DT and GS variants: the main difference between these two variants is that the DT is equipped with a synchronised mechanical reverse shuttle, while the GS has an electrohydraulic reverse shuttle.



#### **Fuel Efficient Engine**

Agrofarm tractors are equipped with powerful four cylinder SDF Series 1000 engines. These 4000 cm<sup>3</sup> capacity engines are offered in a choice of power outputs from 85 to 96 hp. The engines powering the Agrofarm 85 and 100 are Tier I compliant.

The two different power variants differ from one another in the solutions employed for the engine: the Agrofarm G 85 is powered by a naturally aspirated unit, the 100 is turbocharged. Conceived specifically for agricultural use, SDF engines match ready power delivery even at low engine speeds with superlative 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, and ensures superlative performance with extraordinary reliability. SDF engines also offer plenty of torque right on tap even at low engine speeds.

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 hyd

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



#### **Transmission & PTO**

The transmission offered with DT versions consists of a fully synchromesh five-speed, four-range gearbox with a synchronised mechanical reverse shuttle, offering a total of 20 forward and reverse speeds and a top speed of 40 km/h.

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**

All Agrofarm tractors are available as 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, minute 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.



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

m, ensures extremely smooth, easy steering action s 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 superlative levels of safety even at high speeds

### **DEUTZ-FAHR** Agrofarm Series

DEALER:

TECHNICAL DATA		AGROFARM					
		85 G		100 G		115 G	
	Version	2WD	DT	ZWD	DT	2WD	DT
ENGINE					V SERIES		
Engine	type		Tie	er1		Tier 2	
Cylinders/Capacity	No./cc			4/4,	,000		
Intake		Natural		Turbo		Turbo/Intercooler	
Homologated power at rated speed (2000/25/EC)	HP/kW	85/62.5		96/70.6		115/84.5	
Rated speed	rpm	2,350		2,350		2,300	
Max. torque	Nm	257		342		396	
Engine speed at maximum torque	rpm	1,400-1,600		1,400-1,700		1,400-1,800	
Torque rise	%	18		32		18	
Cooling				Liquid-Oil			
Engine control		Mechanical					
Air filter		dry with safety cartridge and dust unloader					
Under-hood silencer		with vertical exhaust		with exhaust on cab A-pillar			
Diesel tank capacity	litres			15	50		
DIMENSIONS and WEIGHTS (with rear tyres)		420/85R30		420/85R30		420/85R30	
Max. length without rear linkage	mm	3,850		3,950		3,990	
Width (min./max.)	mm	2,050/2,458		2,050/2,458		2,050-2,458	
Max height at ROPS	mm	2,710		2,790		2,790	
Max. height at cab	mm	2,740		2,790		2,790	
Ground clearance	mm	450		500		500	
Wheelbase	mm	2,290	2,310	2,320	2,340	2,320	2,340
Front track (min./max.)	mm	1,600-2,100	1,630/2,030	1,600-2,100	1,630/2,030	1,600-2,100	1,630/2,030
Rear track (min./max.)	mm	1,602/2,002		1,602/2,002		1,602/2,002	
Weight with cab	Kg	3,046/3,260	3,731/4,100	3,457/3,680	3,907/4,460	3,457/3,680	4,107/4,660
Weight with ROPS	Kg	2,906/3,120	3,391/3,760	3,317/3,540	3,567/4,120	3,317/3,540	3,567/4,120
ERONT PTO			TRANSFER				

FRONT PTO				
Clutch		multiplate wet clutch		
Speed rpm		1,000		
Operation		electrohydraulic with push-button control		
REAR PTO				
Clutch		multiplate wet dutch		
Speed rpm		540-540 ECO-1,000-1,000ECO synchronised PTO with independent output shaft		
Operation		electrohydraulic with push-button control		
HYDRAULIC LIFT				
Rear lift		mechanical		
	Kg	2,150 (Agrofarm 85 g)		
Max. lifting capacity		4,200 (Agrofarm 100 g)		
		4,800 (Agrofarm 115 g)		
Pump delivery	Vmin.	56		
Auxiliary hydraulic distributors	No of ways	2/4/6		
3-point linkage (coupling bars + top link)		fixed lower link auto-hitch ends		
RH tie-rod and top link		mechanically adjustable		
Front lift		with standard integrated dual action cylinders, max. lifting capacity 1,850 $\rm Kg$		
DRIVING POSITION		AT THE RESERVE OF THE PARTY OF		
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, op- windscreen, rear screen wiper, air filter, 4 work lights with "high visibility"		
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		
		and the state of t		

,,,,,,,	3,311/3,340	2,50777,160	3,3173,340	3,30174,160		
TRANSMIS	SSION					
Gearbox d	utch		hydrostatically operated dry plate clutch			
Mechanical gearbox with 4 synchromesh speeds x			12 PWD + 12 REV			
3 ranges Mechanical gearbox with 5 synchromesh speeds x			I I I I I I I I I I I I I I I I I I I			
3 ranges	at gearbox with 5 syn	ichromesh speeds x	15 FWD + 15 REV			
	il gearbox with 5 synch th supercreeper gear)	romesh speeds x 4	20 FWD + 20 REV			
HI-LO gearbox (2 power shift gears) with 5 synchro- mesh speeds x 3 ranges			30 FWD + 30 REV			
	rbox (2 power shift ges ds x 4 ranges (with sup		40 FWD + 40 REV			
Max. speed			30/40 Km/h			
Shuttle			mechanical synchronised or hydraulic wet clutch			
Rear differential lock			mechanically operated, electrohydraulic with push-button control			
Lubrication	1		forced circulation			
BRAKES A	ND STEERING					
Braking act	tion		all-wheel, wet discs on all 4 operated	wheels, hydrostatically		
Parking bra	ke		independent or electrohydra	ulic		
Trailer brai	œ		hydraulic braking valve, air-braki	ng system		
Hydrostati	ic steering		with independent pump	1000		
Steering ar	ngle	2RM 4WD 85/100-115	65° - 50°/55°			
FRONTA	CLE		1 47 555 75 655	ALTO SHOW A		
Drive enga	gement		mechanically operated, electr	rohydraulically operated		
Front differential lock			mechanical, electrohydraulically operated			
Front ballast			8 x 40 Kg suitcase ballast weights 400 Kg quick hitch ballast			

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 4SR 4SRL 4SR 5SRL 5SR 1LL 1L 2LL 2L 3LL 3L 4LL 4L 5LL 5L 1NL 1N 2NL 2N 3NL 3N 4NL 4N 5NL 5N 1VL 1V 2VL 2V 3VL 3V 4VL 4V 5VL 5V

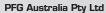
0.33 0.39 0.49 0.58 0.66 0.77 0.87 1.01 1.15 1.34 0.94 1.09 1.39 1.62 1.85 2.16 2.44 2.85 3.24 3.78 2.99 3.49 4.43 5.16 5.89 6.87 7.77 9.06 10.3 12.0 9.04 10.5 13.4 15.6 17.8 20.8 23.5 27.4 31.2 36.4

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

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

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.









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