



SAME DEUTZ-FAHR



Dorado F 70 75 90 100

Dorado F

- NEW EURO II, 1000 SERIES ELECTRONICALLY CONTROLLED, NATURALLY ASPIRATED OR TURBO ENGINES
- 5-SPEED AGROSHIFT POWERSHIFT (3 POWER GEARS)
- OVERSPEED GEARBOX 50 KM/H
(FOR SOME COUNTRIES SPEED LIMITED TO 40 KM/H FOR LEGAL PURPOSES, EVEN AT ECONOMY ENGINE SPEED)
- ELECTRONIC LIFT
- HYDRAULIC POWER SHUTTLE WITH STOP & GO FUNCTION
- WITH NEW CAB VERSIONS

SAME
TRADITIONALLY INNOVATIVE

TECHNICAL DATA

DORADO F 70

DORADO F 75

DORADO F 90

DORADO F 100

Version	4WD	4WD	4WD	4WD
ENGINE SAME	1000.3 WT EURO II	1000.4 W EURO II	1000.4 WT EURO II	1000.4 WT EURO II
Cylinders/Displacement	no./cm³	3/3000	4/4000	4/4000
Aspiration		Turbo	Natural	Turbo
Max. homologated power (2000/25/CE)	HP/KW	70/51,5	74/54,5	87/64
Max. homologated power (ECE R24.03)	HP/KW	67/49,5	70/51,5	83/61
Nominal engine speed	rpm	2200	2200	2200
Max. torque	Nm	260	257	348
Max. torque engine speed	rpm	1400-1600	1400-1600	1400-1600
Torque backup	%	22	15	31
Cooling		liquid-oil		
Engine control		mechanical		
Air cleaner		dry with safety cartridge and dust ejector		
Silencer underhood		with lateral exhaust		
Fuel tank capacity	litres	55 with tank forward of engine 40 with additional tank under platform		
DIMENSIONS AND WEIGHTS (with rear tyres)	360/70 R 24	380/70 R 24	380/70 R 24	420/70 R 24
Max. length without link arms	mm	3145	3235	3235
Width min.- max.	mm	1450-1740	1470-1760	1470-1760
Max. height at safety frame	mm	2120	2140	2140
Height at engine hood	mm	1120	1120	1120
Height at steering wheel	mm	1230	1230	1230
Max. height at cab	mm	2130	2150	2150
Ground clearance	mm	215	240	240
Wheelbase	mm	1950	2080	2080
Front track min.- max.	mm	1165-1335	1165-1335	1165-1335
Rear track min.- max.	mm	1090-1380	1090-1380	1090-1380
Minimum steering radius without braking	mm	3510	3690	3690
Weight with safety frame	kg	2380	2420	2445
Weight with cab	kg	2500	2570	2595
DIMENSIONS (with rear tyres)	380/70 R 20	420/70 R 28		
Width	mm	1450	1560	
Height at engine hood	mm	1090	1190	
Height at steering wheel	mm	1200	1300	
Ground clearance	mm	180	280	

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox 5 synchronised gears 2 gear ranges + underdrive (min. speed: 1,86 km/h)	20 FWD + 10 REV
Mechanical gearbox, 5 synchronised gears, 3 gear ranges with creeper + underdrive (min. speed: 0,22 km/h)	30 FWD + 15 REV 30 FWD + 15 REV with OVERSPEED
AGROSHIFT gearbox (3 power gears) 5 synchronised gears, 3 gear ranges with creeper (min. speed: 0,18 km/h)	45 FWD + 45 REV with OVERSPEED
Max. speed	40 km/h OVERSPEED gearbox 50 km/h (for some countries speed limited to 40 km/h for legal purposes, even at economy engine speed)
Shuttle	mechanical, synchronised hydraulic under load with Stop&Go system
Rear differential lock	electro-hydraulically operated
Lubrication	forced with transmission oil cooler
REAR P.T.O.	
Clutch	multiple discs in oil bath
Speed	rpm 540-540 ECON rpm 540-540 ECON-1000 synchronised P.T.O.
Operation	electro-hydraulically operated, push-button control
FRONT P.T.O.	
Clutch	multiple discs in oil bath
Speed	rpm 1000
Operation	electro-hydraulically operated, push-button control
BRAKES AND STEERING	
Braking system	all wheel braking, discs in oil bath on all 4 wheels, hydrostatically operated
Parking brake	independent

Trailer braking	hydraulic braking valve
Hydrostatic steering	independent pump, adjustable steering wheel
Steering angle	4WD 60°
FRONT AXLE	
Drive engagement and differentials	electro-hydraulically operated
Front differential lock	electro-hydraulically operated
Front mudguards	fixed
HYDRAULIC LIFT	
Rear power lift	mechanical electronic
Maximum lifting capacity	kg 3000
Pump delivery	l/min. 54
hydraulic system with double pump	l/min. 33 + 25
Auxiliary hydraulic control valves	no. ways 6 with flow regulator ventral 9
3 point linkage (link arms and top link)	fixed hitching balls automatic hitching mechanical
RH link arm and stabilisers	hydraulic original built in
Front lift	maximum lifting capacity 1500 kg quick fit ballast, 250 kg
DRIVING POSITION	
Platform	suspended on silent-block
Safety frame	folding
Cab	original sound-proofed and pressurised, opening windscreen, rear windscreen wiper, 4 work lights, active carbon air filter, external rear-view mirrors
Instruments	digital display
Driver's seat	mechanical adjustment, safety belt pneumatic suspension, safety belt

MECHANICAL GEARBOX 20 FWD+10 REV - SPEEDS IN KM/H AT ENGINE SPEED OF 2200 RPM WITH 380/70 R 24 REAR TYRES											
	1M	2M	3M	4M	5M	1V	2V	3V	4V	5V	
LOW	1,34	1,91	2,74	3,83	5,32	7,36	10,51	15,06	21,05	29,28	
HIGH	1,62	2,32	3,32	4,64	6,46	8,93	12,76	18,28	25,55	35,53	

AGROSHIFT WITH OVERSPEED GEARBOX 45 FWD + 45 REV - SPEEDS IN KM/H AT ENGINE SPEED OF 2200 RPM WITH 420/70 R 24 REAR TYRES															
	1 SR	2 SR	3 SR	4 SR	5 SR	1 L	2 L	3 L	4 L	5 L	1 V	2 V	3 V	4 V	5 V
LOW	0,18	0,28	0,40	0,59	0,87	1,27	1,72	2,54	3,75	5,53	7,76	9,43	14,01	20,64	30,48
MEDIUM	0,22	0,32	0,48	0,71	1,05	1,41	2,05	3,05	4,50	6,46	8,05	11,31	16,81	24,77	36,57
HIGH	0,27	0,39	0,58	0,86	1,17	1,71	2,49	3,70	5,45	6,64	9,41	13,71	20,38	30,03	44,33*

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.

*=FOR SOME COUNTRIES SPEED LIMITED TO 40 KM/H ALSO AT ECONOMY ENGINE SPEED FOR LEGAL PURPOSES
PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS
WITH THE 30+15 GEARBOX, REVERSE SPEED ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS WITHOUT UNDERDRIVE.

DEALER CONTACT

SAME
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Akros

SPECIALISED LUBRICATION FOR SAME

Company with Quality System Certified
in compliance with ISO 9001:2000

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