



Dorado

60 80 90

Dorado

- SDF SERIES 1000 TIER III ENGINES, 3 AND 4 CYLINDERS, TURBO OR TURBO INTERCOOLER, WITH ELECTRONIC ENGINE MANAGEMENT
- 100% COMPATIBLE WITH BIODIESEL FUEL (B100)
- POSSIBILITY TO ADJUST ENGINE SPEEDS AND SAVE THEM TO MEMORY AT THE PRESS OF A BUTTON
- POWERSHIFT 45 FWD + 45 REV GEARBOX WITH OVERSPEED
- HYDRAULIC POWER SHUTTLE WITH CONTROL LEVER UNDER THE STEERING WHEEL AND STOP&GO SYSTEM
- DOUBLE-DRIVE P.T.O. AND ELECTRO-HYDRAULIC DIFFERENTIALS
- MODERN ONE-PIECE HOOD DESIGN. ERGONOMIC CAB WITH 4 PILLARS FOR HIGH VISIBILITY

SAME
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TECHNICAL DATA

DORADO 60

DORADO 80

DORADO 90

Version	4WD	4WD	4WD
ENGINE	1000.3 WT TIER III	1000.3 WT TIER III	1000.4 WT TIER III
Cylinders/Displacement	no./cm³	3/3000	3/3000
Aspiration	Turbo	Turbo Intercooler	Turbo Intercooler
Max. homologated power (2000/25/CE)	HP/kW	62/46	82/60
Nominal engine speed	rpm	2200	2200
Max. torque	Nm	240	310
Max. torque engine speed	rpm	1600	1600
Torque backup	%	22	15
Cooling		liquid-oil	
Engine control		electronic	
Air cleaner		dry with safety cartridge with lateral exhaust	
Silencer underhood		with vertical exhaust with exhaust on cab upright	
Fuel tank capacity	litres	90	90
DIMENSIONS AND WEIGHTS (with rear tyres)	420/70 R 30	420/70 R 30	480/70 R 30
Max. length without link arms	mm	3430	3560
Width min.- max.	mm	1920-2320	1920-2320
Max. height at safety frame	mm	2400	2400
Max height at cab	mm	2430*	2430*
Ground clearance	mm	360	360
Wheelbase	mm	2055	2185
Front track min.- max.	mm	1440-1740	1440-1740
Rear track min.- max.	mm	1500-1900	1500-1900
Minimum steering radius without braking	mm	3650	3800
Weight with safety frame	kg	2600	2700
Weight with cab	kg	2800	2900

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox, 5 synchronised gears, 3 gear ranges with creeper + underdrive (min. speed: 0,24 km/h)	30 FWD + 15 REV with OVERSPEED
POWERSHIFT gearbox (3 power gears) 5 synchronised gears, 3 gear ranges with creeper (min. speed: 0,20 km/h)	45 FWD + 45 REV with OVERSPEED
Max. speed	OVERSPEED gearbox 50 km/h (speed limited to 40 km/h for legal purposes, even at economy engine speed)
Shuttle	mechanical, synchronised hydraulic under load with STOP & GO function
Rear differential lock	electro-hydraulically operated
Lubrication	forced with transmission oil cooler

REAR P.T.O.	
Clutch	multiple, oil-immersed discs, electro-hydraulically operated
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, oil-immersed discs, electro-hydraulically operated
Speed	rpm 1000
Operation	electro-hydraulically operated, push-button control

BRAKES AND STEERING	
Braking system	all wheel braking, oil-immersed discs on all 4 wheels, hydrostatically operated
Parking brake	independent
Trailer braking	hydraulic braking valve
Hydrostatic steering	independent pump, adjustable steering wheel
Steering angle	4WD 55°

FRONT AXLE	
Drive engagement	electro-hydraulically operated
Front differential lock	electro-hydraulically operated
Front ballast	eight 40 kg case type weights
Front mudguards	swivelling

HYDRAULIC LIFT	
Rear power lift	mechanical electronic
Maximum lifting capacity	kg 3000 3600 with supplementary jacks
Pump delivery	l/min. 54
Auxiliary hydraulic control valves	no. ways 4/6 with flow regulator
3 point linkage (link arms and top link)	fixed hitching balls automatic hitching
Front lift	original built in maximum lifting capacity 1750 kg quick fit ballast, 250 kg

DRIVING POSITION	
Platform	suspended on silent-block
Safety frame	two rear uprights four uprights, original sound-proofed and pressurised, opening windscreen, rear windscreen wiper, 4 work lights, active carbon air filter, telescopic rear-view mirrors as above with "high visibility" roof
Cab	air conditioning, ventilation, heating, forced recirculation
Cab conditioning	digital display
Instruments	mechanical adjustment, safety belt
Driver's seat	pneumatic suspension, safety belt

POWERSHIFT WITH OVERSPEED GEARBOX 45 FWD + 45 REV - SPEEDS IN KM/H AT AN ENGINE SPEED OF 2200 RPM WITH 480/70 R 30 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	0,20	0,30	0,44	0,65	0,95	1,28	1,87	2,78	4,09	6,05	7,06	10,30	15,31	22,55	33,29
MEDIUM	0,24	0,35	0,52	0,77	1,15	1,54	2,24	3,33	4,91	7,26	8,48	12,36	18,37	27,06	39,95
HIGH	0,29	0,43	0,64	0,94	1,39	1,86	2,72	4,04	5,96	8,80	10,27	14,98	22,26	32,80	48,42**

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.

***=OVERBOOST A 95HP
**=WITH STANDARD ROOF
*==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.

DEALER CONTACT

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We recommend the use of SDF Lubricants and Coolant 

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