

DORADO S 70-75-90-100



**NEW EURO II ELECTRONICALLY CONTROLLED
1000 SERIES ENGINES**

5 SPEED AGROSHIFT GEARBOX (3 POWERSHIFT GEARS)

**OVERSPEED GEARBOX FOR A TOP SPEED OF
40 KM/H EVEN AT ECONOMY ENGINE SPEED**

TIGHT 60° STEERING ANGLE



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SAME

Rely on us.

TECHNICAL SPECIFICATIONS

DORADO S 70

DORADO S 75

DORADO S 90

DORADO S 100

Version	2WD		4WD	
	1000.3 WT EURO II		1000.4 W EURO II	
ENGINE SAME				
Cylinders/Displacement	n°/cm³		3/3000	
Aspiration	Turbo		Natural	
Max. homologated power (2000/25/CE)	HP/kW		70/51,5	
Max. homologated power (ECE R24.03)	HP/kW		74/54,5	
Nominal engine speed	rpm		2200	
Max. torque	Nm		260	
Max. torque engine speed	rpm		1400-1600	
Torque backup	%		22	
Cooling			liquid-oil	
Engine control			mechanical	
Air cleaner			electronic (compulsory with OVERSPEED gearbox)	
Silencer underhood			dry with safety cartridge	
Fuel tank capacity	litres		with lateral exhaust	
			55 with tank forward of engine	
			30 with tank under platform	

DIMENSIONS AND WEIGHTS: (with rear tyres)	12.4 R 24		360/70 R 24		380/70 R 24		420/70 R 24	
Max. length	mm		2905		3035		3055	
Width min.- max.	mm		1160-1790		1335-1630		1365-1640	
Max. height at safety frame	mm		2060		2060		2080	
Max. height at cab	mm		2250		2250		2270	
Height at engine hood	mm		1040		1035		1050	
Height at steering wheel	mm		1285		1280		1295	
Ground clearance	mm		285 260		270 250		260 280	
Wheelbase	mm		1925		2055		2055	
Front track min.- max.	mm		995-1290 985-1280		950-1130 995-1270		995-1270 995-1270	
Rear track min.- max.	mm		840-1470		975-1270		985-1260 995-1485	
Minimum steering radius without braking	mm		2900 3080		2940 3120		3150 3200	
Weight with safety frame	kg		1870 2040		1900 2120		2255 2320	
Weight with cab	kg		2020 2190		2100 2270		2405 2470	

NARROW AXLE VERSION			
Dimensions with rear tyres	380/70 R 20	11.2 R 24	320/70 R 24
Width min.- max.	mm	1275-1510	1100-1500
Height at engine hood	mm	1010	1020
Height at steering wheel	mm	1240	1255
Ground clearance	mm	220	230

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox, 5 synchronised gears, 2 gear ranges + underdrive (min. speed: 1,40 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
OVERSPEED gearbox, 5 synchronised gears, 3 gear ranges with creeper + underdrive (min. speed: 0,22 km/h)	30 FWD + 15 REV
OVERSPEED gearbox, 5 synchronised gears, 3 gear ranges with AGROSHIFT (3 power gears) with creeper (min. speed: 0,18 km/h)	45 FWD + 45 REV gearbox with 40 km/h max. speed even at economy engine speed* (1850 rpm)
Max. speed	km/h
Shuttle	40 also at economy engine speed with OVERSPEED gearbox
Rear differential lock	mechanical, synchronised
Lubrication	electro-hydraulically operated
	forced with transmission oil cooler

REAR P.T.O.	
Clutch	multiple discs in oil bath
Speed	rpm
	540-540 ECON
	540-540 ECON-1000
	540-1000
	synchronised P.T.O.
Operation	electro-hydraulically operated, push-button control

FRONT P.T.O. (4WD versions only)	
Clutch	multiple discs in oil bath
Speed	rpm
	1000
Operation	electro-hydraulically operated, push-button control

OVERSPEED GEARBOX 30 FWD + 15 REV - SPEEDS IN KM/H AT AN ENGINE SPEED OF 2200 RPM WITH 420/70 R 24 REAR TYRES														
1SR min	2SR min	3SR min	4SR min	5SR min	1L min	2L min	3L min	4L min	5L min	1V min	2V min	3V min	4V min	5V min
0,22	0,31	0,45	0,63	0,88	1,40	2,01	2,88	4,03	5,60	7,75	11,07	15,86	22,17	30,84
1 SR	2SR	3SR	4SR	5SR	1L	2L	3L	4L	5L	1V	2V	3V	4V	5V
0,27	0,38	0,55	0,77	1,07	1,71	2,44	3,50	4,89	6,80	9,41	13,44	19,25	26,91	40,00*

AGROSHIFT WITH OVERSPEED GEARBOX 45 FWD + 45 REV - SPEEDS IN KM/H AT AN ENGINE SPEED OF 2200 RPM WITH 420/70 R 24 REAR TYRES															
	1 SR	2SR	3SR	4SR	5SR	1L	2L	3L	4L	5L	1V	2V	3V	4V	5V
LOW	0,18	0,28	0,40	0,59	0,87	1,17	1,72	2,54	3,75	5,53	6,46	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	6,64	7,76	11,31	16,81	24,77	36,57
HIGH	0,27	0,39	0,58	0,86	1,27	1,71	2,49	3,70	5,45	8,05	9,41	13,71	20,38	30,03	40,00*

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.

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	2WD/4WD 70°/60°

FRONT AXLE	
Drive engagement	electro-hydraulically operated
Front differential lock	electro-hydraulically operated
Front ballast	three 40 Kg weights, screw mounted
Front mudguards	fixed

HYDRAULIC LIFT	
Rear power lift	mechanical
	electronic
Maximum lifting capacity	kg
	3000
Pump delivery	l/min.
	54
Auxiliary hydraulic control valves	ways
	4/6 with flow regulator
3 point linkage (link arms and top link)	fixed hitching balls
	automatic hitching
RH link arm and stabilisers	mechanical
	hydraulic
Front lift (4WD versions only)	original built in
	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
Cab conditioning	air conditioning, ventilation, heating, forced recirculation
Instruments	analog
	digital display
Driver's seat	mechanical adjustment, safety belt
	pneumatic suspension, safety belt

* = MAX. SPEED LIMITED TO 40 KM/H EVEN AT ECONOMY ENGINE SPEED PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS WITH THE 30+15 GEARBOX, REVERSE SPEED ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS WITHOUT UNDERDRIVE.

Akros SPECIALISED LUBRICATION FOR SAME



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