



Dorado³_{70 80 90 100}

Dorado³

- 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
Rely on us.

TECHNICAL DATA

| Version | DORADO ³ 70 | | DORADO ³ 80 | | DORADO ³ 90 | | DORADO ³ 100* | | |
|---|---|-------------|------------------------|-------------|------------------------|-------------|--------------------------|-------------|--|
| | 4WD | 4WD | 4WD | 4WD | 2WD | 4WD | 4WD | 4WD | |
| ENGINE | 1000.3 WT TIER III | | 1000.3 WT TIER III | | 1000.3 WT TIER III | | 1000.4 WT TIER III | | |
| Cylinders/Displacement | no/cm ³ 3/3000 | | 3/3000 | | 4/4000 | | 4/4000 | | |
| Aspiration | Turbo Intercooler | | | | | | | | |
| Max. homologated power (2000/25/CE) | HP/kW | 72/53 | 82/60 | | 85/63*** | | 95/70 | | |
| Nominal engine speed | rpm | 2200 | 2200 | | 2200 | | 2200 | | |
| Max. torque | Nm | 265 | 310 | | 345 | | 373 | | |
| Max. torque engine speed | rpm | 1600 | 1600 | | 1600 | | 1600 | | |
| Torque backup | 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 | 100 | | | | | | | |
| DIMENSIONS AND WEIGHTS (with rear tyres) | | 420/70 R 30 | | 420/70 R 30 | | 480/70 R 30 | | 480/70 R 30 | |
| Max. length without link arms | mm | 3430 | | 3430 | | 3560 | | 3560 | |
| Width min. - max. | mm | 1940-2240 | | 1940-2240 | | 2005-2405 | | 2005-2405 | |
| Max. height at safety frame | mm | 2500 | | 2500 | | 2525 | | 2525 | |
| Max height at cab | mm | 2460 | | 2460 | | 2485 | | 2485 | |
| Ground clearance | mm | 360 | | 360 | | 300 | | 390 | |
| Wheelbase | mm | 2100 | | 2100 | | 2185 | | 2230 | |
| Front track min. - max. | mm | 1460-1760 | | 1460-1760 | | 1350-1440 | | 1450-1850 | |
| Rear track min. - max. | mm | 1500-1800 | | 1500-1800 | | 1500-1900 | | 1500-1900 | |
| Minimum steering radius without braking | mm | 3900 | | 3900 | | 3570 | | 3900 | |
| Weight with safety frame | kg | 3000 | | 3000 | | 3150 | | 3200 | |
| Weight with cab | kg | 3230 | | 3230 | | 3350 | | 3410 | |

| 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 540-540 ECON |
| Speed | rpm 540-540 ECON-1000 synchronised P.T.O. |
| 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 | 2WD 70° 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 |
| Cab | 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 conditioning | air conditioning, ventilation, heating, forced recirculation |
| Instruments | digital display |
| Driver's seat | mechanical adjustment, safety belt 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.

*=DORADO³ 100 ONLY HI-LINE VERSION
**=FOR SOME COUNTRIES SPEED LIMITED TO 40 KM/H ALSO AT ECONOMY ENGINE SPEED FOR LEGAL PURPOSES
***=OVERBOOST A 5SR
PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS.

DEALER CONTACT

SAME

Rely on us.

We recommend the use of SDF Lubricants and Coolant 

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

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