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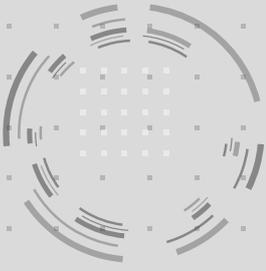
# DORADO

■ STAGE V

95 | 105

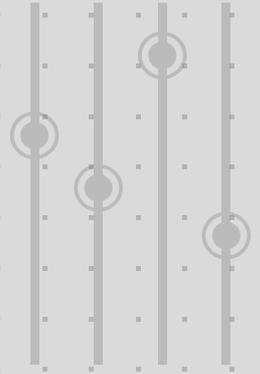


**SAME**



THE WORLD IS CHANGING  
AND WE ARE WITH YOU  
IN EVERY STEP OF THE WAY  
TO MAKE SURE YOU ARE  
ALWAYS AT THE FRONT OF THE  
PACK.

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## [ MISSION ]

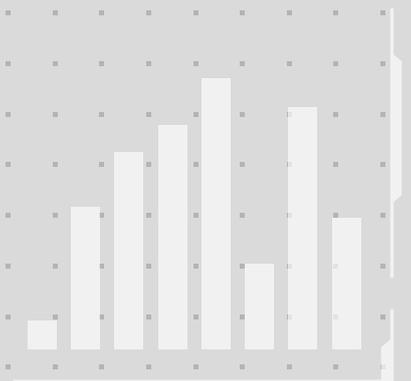
MISSION

# ONE OF SAME'S MOST SUCCESSFUL PRODUCTS.

*A tractor with unrivalled agility, making every job simpler and more cost-effective.*

SAME Dorado is an extraordinarily versatile compact tractor with legendary manoeuvrability and class-beating comfort as well as perfect power to weight ratio. A host of outstanding features, such as the 5 speed transmission and FARMotion 45 engines, make it the perfect workmate not just for conventional farms but also for grounds care operators. Its compact size also make it the ideal machine for working in low density fruit orchards and vineyards.

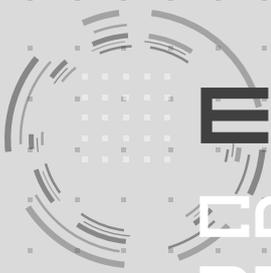
The new SAME Dorado Stage V is also perfectly at home working in cramped spaces and on the steep gradients of hilly or mountainous terrain, where it offers high levels of safety, whatever the task. Bristling with innovative technology, the SAME Dorado family is already set to take on the challenges of tomorrow's agriculture.



With its extremely robust monolithic chassis, limited gross weight (which, however, can be increased as needed with a wide choice of ballast configurations), generous load capacity, powerful, precise lifts and a host of advanced technological solutions, the Dorado combines unrivalled multi-role capability with guaranteed reliability and extraordinary simplicity of use.

The latest generation FARMotion 45 engines deliver even more performance than ever together with even better fuel economy.





# ENGINE

## COMPACT, RELIABLE AND DEDICATED TO FARMING.



A state of the art engine created specifically to answer the needs of agriculture.



The new SAME Dorado family is powered by multiple award-winning FARMotion engines, which boast state of the art diesel engine technology and were developed by SDF to cater for the specific requirements of farming. These revised 4 cylinder FARMotion 45 engines retain all the strengths of their predecessors: compactness, impressive performance, legendary reliability and a rational layout optimised for simpler maintenance. Electronically managed common rail fuel injection (with injection pressures up to 2000 bar), 7-hole injectors, a viscostatic cooling fan and the PowerCore air filter form a package of solutions which minimise both fuel consumption and noise.

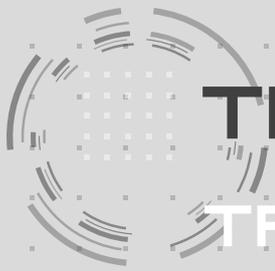


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|             |        |         |
|-------------|--------|---------|
| <b>95:</b>  | 95 HP  | / 70 kW |
| <b>105:</b> | 106 HP | / 78 kW |

The FARMotion 45 offers even better performance than the previous generation in terms of torque, power and specific consumption. With a maximum engine speed of just 2200 rpm, the Dorado 95 and 105 deliver a maximum power output of 95 and 106 HP respectively at 2000 rpm, and a peak torque of 389 and 433 Nm at 1400 rpm. Service intervals have been extended to a remarkable 600 hours.





# TRANSMISSION AND PTO

## TREMENDOUS EFFICIENCY AND MODULARITY.

Up to 45 speeds in both directions, up to three Powershift ratios, ultra-low ratios for specific tasks and 40 km/h ECO capability as standard.

### TRANSMISSION

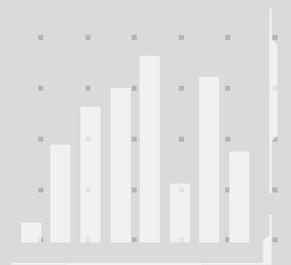
All the modularity you could ever ask for.

Offered in a choice of configurations all based on a 5-speed main gearbox with 3 ranges, the transmissions of the new Same Dorado family boast class-beating efficiency, natural ease of use and extraordinary functionality. All SAME Dorado tractors come as standard with the OverSpeed function which allows for a road speed of 40 km/h attained at lower engine speeds, a feature which not only reduces fuel consumption but also improves operator comfort. For ultra-slow tasks at the opposite end of the speed scale, the supercreeper gear enables a ground speed of just 200 m/h at maximum engine speed in the lowest ratio available. LS versions are equipped with a mechanical, synchronised reverse shuttle, while GS variants feature the PowerShuttle with two multi-plate wet clutches, which lets the driver shift seamlessly between forward and reverse under load

to offer significant time savings in tasks involving frequent manoeuvres.

PowerShuttle versions also include the ComfortClutch function, for shifting gear by simply pressing a button on the shift lever without using the clutch pedal, and the Stop&Go function, which lets the operator stop and hold the tractor and set off again smoothly and precisely, using the brake pedals only to control engagement and disengagement of the clutch. Standard on all tractors with a hydraulic reverse shuttle, the SenseClutch function offers the user a choice of 5 responsiveness levels for direction inversion manoeuvres.

The transmissions of the SAME Dorado Stage V family feature a 5 speed main gearbox with three ranges and either a supercreeper gear, for a total of 30 forward speeds and 15 reverse speeds, or a 3-stage Powershift module, for a total of 45 speeds in both directions.



## PTO

Impressive performance and efficiency.

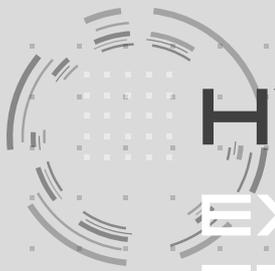
The choice of PTO configurations offered is yet another aspect of the new Dorado family geared for maximised versatility and efficiency. 540 rpm and 540 ECO modes, engaged progressively by an electrohydraulic clutch, are standard on all versions, while both groundspeed and 1000 rpm modes are available as options, as are practical and quickly interchangeable removable output stub shafts. To take the versatility of the Dorado to even greater heights, allowing the use of front implements and tasks utilising both front and rear mounted implements simultaneously, a front PTO with the universal 1000 rpm speed mode is also available.

PTO  
540  
540E  
1000



Power take off





# HYDRAULICS AND LIFTS

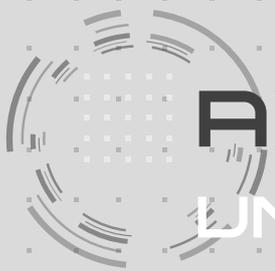
## EXTREME PRECISION AND PERFORMANCE.



A choice of mechanically or electronically controlled lifts, both boasting the legendary precision you'd expect from SAME.

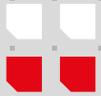
The powerful hydraulic system of the SAME Dorado Stage V family makes working with any implement attached to the three-point linkage simpler and more effective while ensuring impeccable steering performance in all situations. This is achieved by a system split into two independent circuits, each fed by a dedicated pump. The main circuit uses a 54 l/min gear pump to deliver oil to the rear lift and (if installed) optional front lift and to the 3 rear distributors (for a total of 6 couplers and with free return line as standard). The secondary circuit feeds the electrohydraulic reverse shuttle, the Powershift, the 4WD clutch, the differential locks and the hydraulic steering system. For seamlessly smooth steering even with the engine at idle speed and while the main circuit is in-use, the secondary circuit is fed by a pump with a capacity of up to 45 l/min (depending on the configuration of the tractor). Available as mechanically or electronically controlled variants, the rear lift has a maximum capacity of 3000 kg as standard, which can be increased to 3600 kg as an option. The electronic lift also includes an active damping function to attenuate oscillation generated by rear-mounted implements, and maximum lift height limiting and drop rate adjustment functions. Another important option is a factory-fitted "Light kit" for subsequent installation of a front loader, which includes a robust subframe integrated completely into the chassis of the tractor.





# AXLES AND BRAKES

## UNPARALLELED SAFETY.



Wet disc brakes on all four wheels and sturdy axles developed specifically for these tractors by SAME.

Both the front and rear axles equipping the Dorado Stage V family are designed and constructed specifically by SAME for these models. These axles combine a remarkable compact structure, for nimble agility, with extraordinary sturdiness and reliability. Measuring just 1500 mm in width from flange to flange, the front axle features built-in wet disc brakes. Wet disc brakes are also installed on the rear axle, to offer true all-wheel braking and improve safety at high road speeds and on gradients. For maximised traction even in the worst terrain conditions, both the front and rear axles are equipped with 100% lockable differentials. The

differential locks and 4WD are engaged and disengaged from two practical buttons on the right hand console. To cater for the needs of a wide range of applications, the tractors of the new Dorado Stage V family are available with a huge choice of agricultural tyres, fitted either on conventional adjustable rims or innovative Waffle rims, which are specially shaped to minimise wheel vibration at high road speeds. Municipal tyres and innovative PneuTrac tyres, which offer a generously sized ground contact footprint in spite of their narrower width, are available as options.



AXLES AND BRAKES







A red tractor is shown in a grassy field at sunset. The sky is filled with dramatic, dark clouds illuminated from below by the setting sun. In the background, there are trees and a white spherical object on the grass. The tractor is positioned in the lower right, with its front and side visible. Three callout boxes with red circular icons are overlaid on the image: one on the front axle, one on the rear wheel, and one on the transmission area.

### AXLES AND BRAKES

- Front axle with brakes as standard
- Available with Dual Mode hydraulic trailer braking system
- Available with PneuTrac rear tyres

### TRANSMISSION

- Mechanical or Powershift transmission
- 5-speed main gearbox
- Up to 45+45 speeds with HML 3-Powershift transmission
- Stop&Go function

**CAB**

- Spacious 4-pillar cab
- Narrow-profile roof or High-visibility roof
- Openable windscreen as standard

**HYDRAULIC SYSTEM**

- Mechanical or Electronic rear lift
- 54 l/min gear pump
- 3 auxiliary spool valves with flow regulator



# DORADO

|   |           | 95                 | 105      |
|---|-----------|--------------------|----------|
| <b>ENGINE</b>   |           |                    |          |
| Model   |           | FARMotion 45       |          |
| Emissions compliance                                  |           | Stage V            |          |
| Cylinders/Displacement                                | No./cc    | 4 / 3849           |          |
| Turbocharger with charge air cooling                  |           | ▲                  | ▲        |
| VISCO cooling fan                                     |           | ▲                  | ▲        |
| Injection @ pressure                                  | Type/ bar | Common Rail @ 2000 |          |
| Max. power (ECE R120)                                 | kW/HP     | 70 / 95            | 78 / 106 |
| Power at rated speed (ECE R120)                       | kW/HP     | 66.4 / 90          | 74 / 101 |
| Speed at maximum power                                | Rpm       | 2000               |          |
| Max. engine speed (rated)                             | Rpm       | 2200               |          |
| Max. torque   | Nm        | 389                | 433      |
| Speed at maximum torque                               | Rpm       | 1400               | 1400     |
| Air filter with dust ejector                          |           | ▲                  | ▲        |
| Fuel tank capacity (STD/OPT)                          | l         | 85/110             |          |
| AdBlue capacity                                       | l         | 13                 |          |
| Oil change interval                                   | Hours     | 600                |          |
| <b>TRANSMISSION</b>                                   |           |                    |          |
| Model   |           | SDF T3500          |          |
| Transmission ratio                                    |           | 1.3830             |          |
| Mechanical shuttle                                    |           | ▲                  |          |
| PowerShuttle with 5 settings                          |           | ○                  |          |
| <b>MECHANICAL SHUTTLE</b>                             |           |                    |          |
| Gearbox   | No.       | 5 gears x 3 ranges |          |
| No. of speeds with Mechanical splitter and creeper    | No.       | 30+15              |          |
| No. of speeds with HML 3-stage Powershift and creeper | No.       | 45+45              |          |
| Top speed 40 km/h ECO                                 | Rpm       | 1805               |          |
| <b>POWERSHUTTLE</b>                                   |           |                    |          |
| Gearbox   | No.       | 5 gears x 3 ranges |          |
| No. of speeds with Mechanical splitter and creeper    | No.       | 30+15              |          |
| No. of speeds with HML 3-stage Powershift and creeper | No.       | 45+45              |          |
| Stop&Go   |           | ▲                  |          |
| ComfortClutch   |           | ▲                  |          |
| Top speed 40 km/h ECO                                 | Rpm       | 1805               |          |
| <b>HYDRAULICS AND LINKAGE</b>                         |           |                    |          |
| Pump capacity (STD)                                   | l/min     | 54                 |          |
| Separate steering pump                                |           | ▲                  |          |
| Spool valve controls                                  | Type      | Mechanical         |          |
| Hydraulic auxiliary control valves (STD)              | No.       | 3                  |          |
| Free pressureless return                              |           | ▲                  |          |
| Automatic lower link stabilisers (mechanical)         |           | ○                  |          |
| Rear linkage lifting capacity (STD)                   | Kg        | 3000               |          |
| Rear linkage lifting capacity (OPT)                   | Kg        | 3600               |          |
| Rear linkage lift category                            | Cat.      | II                 |          |
| External controls on rear fenders                     |           | ○                  |          |
| Front linkage   |           | ○                  |          |
| Front linkage lifting capacity                        | Kg        | 2100               |          |
| Oil change interval                                   | Hours     | 1200               |          |
| <b>PTO</b>  |           |                    |          |
| Rear PTO 540/540E                                     |           | ▲                  |          |
| Rear PTO 540/540ECO/1000                              |           | ○                  |          |
| Groundspeed PTO                                       |           | ○                  |          |
| Front PTO 1000  |           | ○                  |          |
| <b>AXLES AND BRAKES</b>                               |           |                    |          |
| Model   |           | SDF                |          |
| 100% lockable electro-hydraulic differential lock     |           | ▲                  |          |
| Steering angle  | Degrees   | 55                 |          |
| Mechanical parking brake                              |           | ▲                  |          |
| Hydraulic trailer brake with DualMode function        |           | ○                  |          |
| ABS socket  |           | ○                  |          |
| <b>ELECTRICAL SYSTEM</b>                              |           |                    |          |
| Voltage   | V         | 12                 |          |
| Standard battery                                      | V/Ah      | 12 / 100           |          |
| Alternator  | V / A     | 14 / 120           |          |
| Starter motor   | V/kW      | 12 / 3.5           |          |
| External socket                                       |           | ▲                  |          |

- ▲ STD
- OPT
- Not available

|  |     | 95                                      | 105 |
|--|-----|---|-----|
| <b>CAB</b>                                     |     |   |     |
| 4-pillar cab                                   |     |   | ▲   |
| Adjustable and telescopic rear view mirrors    |     |   | ▲   |
| Air conditioning                               |     |   | ○   |
| High visibility roof                           |     |   | ○   |
| High visibility roof FOPS                      |     |   | ○   |
| Seat Max with mechanical suspension            |     |   | ▲   |
| Seat with pneumatic suspension                 |     |   | ○   |
| Pre-wiring for radio with antenna and speakers |     |   | ▲   |
| 4x Halogen work lights on cab roof             |     |   | ▲   |
| 4x LED work lights                             |     |   | ○   |
| Up to 2 LED beacon lights                      |     |   | ○   |
| <b>FRONT LOADER</b>                            |     |   |     |
| Light Kit ready kit for loader                 |     |   | ○   |
| Possible Front loader models                   |     | Solid 35-18   Solid 38-20   FZ 36-20.01 |     |
| Overloading height                             | mm  | 3250   3550   3340                      |     |
| Breakout force 900 mm before pivot point       | daN | 2310   2360   2620                      |     |
| <b>DIMENSIONS AND WEIGHTS</b>                  |     |   |     |
| Front tyres (min.)                             |     | 320/70 R24                              |     |
| Rear tyres (min.)                              |     | 340/85 R36                              |     |
| Front tyres (max.)                             |     | 380/70 R20                              |     |
| Rear tyres (max.)                              |     | 540/65 R30                              |     |
| Wheelbase                                      | mm  | 2271                                    |     |
| Length   | mm  | 4065                                    |     |
| Height (max.)                                  | mm  | 2571                                    |     |
| Width (min. - max.)                            | mm  | 1800 - 2180                             |     |
| Ground clearance                               | mm  | 406                                     |     |
| Front axle width (flange to flange)            | mm  | 1500                                    |     |
| Rear axle width (flange to flange)             | mm  | 1540                                    |     |
| Unladen weight, front                          | Kg  | 1430                                    |     |
| Unladen weight, rear                           | Kg  | 2145                                    |     |
| Total unladen weight                           | Kg  | 3575                                    |     |
| Maximum permissible axle load, front           | Kg  | 2300                                    |     |
| Maximum permissible axle load, rear            | Kg  | 3300                                    |     |
| Maximum permissible weight                     | Kg  | 5200                                    |     |



The technical data and images contained herein are indicative only. SAME reserves the right to modify its products at any time without prior notice.  
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To find out more, visit [same-tractors.com](https://www.same-tractors.com) or talk to your dealer.



SAME is a brand of  SDF



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