



[CODENAME]

DORADO

■ STAGE V

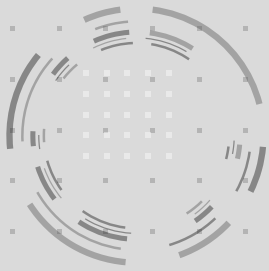
DE 75 A 105 CV
MOTORE A INIEZIONE DIESEL
CABINATO A 360°
CERCHI IN ALLUMINIO
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DE 75 A 105 CV
MOTORE A INIEZIONE DIESEL
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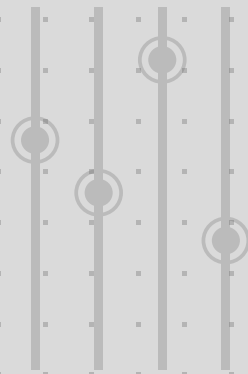
75 | 95 | 105



SAME



THE WORLD IS CHANGING
AND WE ARE WITH YOU
THE WORLD IS CHANGING
AND WE ARE WITH YOU



[MISSION]

ONE OF SAME'S MOST SUCCESSFUL PRODUCTS.

MISSION

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 all around visibility 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 ground care operators. Its compact size also make it the ideal machine for working in low density fruit orchards, vineyards and hops cultivations.

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

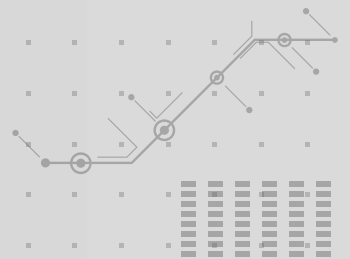
COMPACT, RELIABLE AND
DEDICATED TO FARMING.



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 viscocstatic cooling fan and the PowerCore air filter form a package of solutions which minimise both fuel consumption and noise.

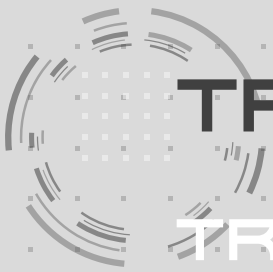


[4]

75:	75 HP	/	55.4 kW
95:	95 HP	/	70 kW
105:	106 HP	/	78 kW

An aerial photograph of a blue tractor pulling a red harrow through a green field. The tractor is positioned in the upper right quadrant, and the harrow is in the lower left. The field is marked with diagonal tracks from previous passes. A white text box is overlaid on the top left of the image.

The FARMotion 45 offers even better performance than the previous generation in terms of torque, power and specific consumption. Dorado 75 is Stage V compliant using only DPF and DOC and therefore it does not need the use of AdBlue or any additional fluids, reducing the running cost to minimum levels. On the other side, the Dorado 95 and 105 deliver a maximum power output of 95 and 106 HP increasing productivity thanks to their extraordinary performances. Service intervals have been extended to a remarkable 600 hours. These engines are also ready for the future as they are also HVO certified.



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.

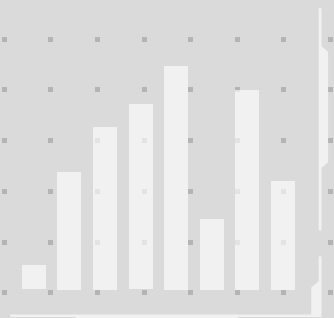
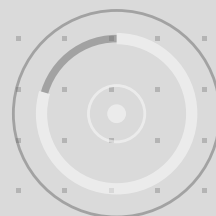
Offered in a choice of configurations all based on a 5-speed main gearbox with 3 ranges, the transmissions of the new SAME Dorado family boast class-beating efficiency, natural ease of use and extraordinary functionality.

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 gear 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

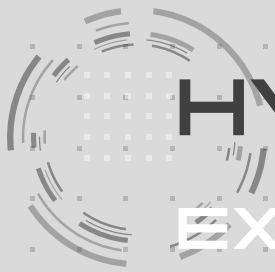
Impressive performance and efficiency.

The choice of PTO configurations offered is yet another aspect of the new Dorado family geared for maximised versatility and efficiency. 540 rpm and 540ECO modes, engaged progressively by an electrohydraulic clutch, are standard on all versions, while both groundspeed or 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
540ECO
1000





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. As standard, the main circuit uses a 54 l/min gear pump while as option a double-pump layout is available to deliver up to 64 l/min flow to the 3 rear distributors, the rear lift and (if installed) the optional front lift. Regardless the configuration of the main circuit, an additional circuit is always present feeding 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, 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 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 and Ready Kit for subsequent installation of a front loader, which includes a robust subframe integrated completely into the chassis of the tractor and the dedicated hydraulic circuit and an ergonomic cross-lever which hosts also powershift control elements.





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 side 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.





DRIVING POSITION

ALL-ROUND COMFORT.

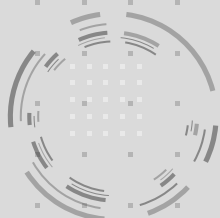


4-pillar cabs offer an unobstructed outward view while pampering the operator in sumptuous comfort.

At the centre of the pressurised cab, with its slender 4-pillar structure and effective climate control system, is a driver seat that can be adjusted with ease to suit the needs of drivers of any stature. The new phone holder and numerous oddments storage bins in the cab of the new Dorado family make your day-to-day work even simpler and more comfortable. Features such as the all-flat platform cab mounted on Silent-Blocks and operator seats with effective air-sprung suspension offer extreme levels of driver comfort. All the controls are organised in accordance with SAME's acclaimed colour coded layout to ensure error-free use by even the least experienced operator. The new InfoCentre+ cluster clearly provides to the driver all the information needed for an optimal work. InfoCentre+ use two main gauges and a 3.5" high resolution LCD display. A choice of two cab roof versions is offered to cater effectively to the needs of different operating conditions. The tapered forms of the standard roof are ideal for working in the vineyard, fruit orchard or hops fields, with the high visibility roof, which is also available as a FOPS certified variant, is the best solution for applications with a front loader. These tractors are available with up to 4 front work lights and 2 rear work lights, which are also available in LED technology.

DRIVING POSITION

InfoCentre+ with a LCD display and two gauges



...in modo da garantire un'ottima visibilità in ogni condizione di lavoro, anche in presenza di nebbia o pioggia. ...in modo da garantire un'ottima visibilità in ogni condizione di lavoro, anche in presenza di nebbia o pioggia. ...in modo da garantire un'ottima visibilità in ogni condizione di lavoro, anche in presenza di nebbia o pioggia.

High visibility roof







TRANSMISSION

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

ENGINE

- 4 cylinder Farmotion 45 engines
- 75 HP model without AdBlue
- HVO certified

HYDRAULIC SYSTEM

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

CAB

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

AXLES AND BRAKES

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

DORADO

		75	95	105
ENGINE				
Model		FARMotion 45		
Emission level		Stage V		
Cylinders/Displacement	n°/cc	4/3849		
Turbocharger with charge air cooling		▲		
Visco cooling fan		▲		
Injection @ pressure	Type/ bar	Common Rail @ 2000		
Max. power (ECE R120)	kW/HP	55.4/75	70/95	78/106
Power at rated speed (ECE R120)	kW/HP	54.8/74	66.4/90	74/101
Speed at maximum power	rpm	2000		
Max. engine speed (rated)	rpm	2200		
Max. torque	Nm	389		
Speed at maximum torque	rpm	1400		
Air filter with dust ejector		▲		
Fuel tank capacity	l	85		
AdBlue capacity	l	-	13	
Oil change interval	Hours	600		
TRANSMISSION				
Model		SDF T3500		
Transmission ratio		1.3830		
Mechanical shuttle		▲		
PowerShuttle with 5 different settings		○		
MECHANICAL SHUTTLE				
Gearbox	n°	5 gears x 3 range		
N° of speed with Mechanical splitter and creeper		30+15		
N° of speed with HML 3-Powershift steps and creeper		45+45		
Top speed 40 km/h ECO	rpm	1870		
POWERSHUTTLE				
Gearbox	n°	5 gears x 3 range		
N° of speed with Mechanical splitter and creeper		30+15		
N° of speed with HML 3-Powershift steps and creeper		45+45		
Stop&Go		▲		
SenseClutch and ComfortClutch		▲		
Top speed 40 km/h ECO	rpm	1870		
HYDRAULICS AND LINKAGE				
Pump flow (STD)	l/min	54		
Pump flow (OPT)	l/min	64		
Separate steering pump		▲		
Spool valves controls	Type	Mechanical		
Hydraulic auxiliary control valves (STD)	n°	3		
Free pressureless return		▲		
Automatic lower link stabilizers		○		
Rear linkage lifting capacity (STD)	kg	3000		
Rear linkage lifting capacity (OPT)	kg	3600		
Rear linkage lift category	Cat.	II		
External operation on rear fenders		○		
Front linkage		○		
Front linkage lifting capacity	kg	2100		
Oil change interval	Hours	1200		
PTO				
Rear PTO 540/540ECO		▲		
Rear PTO 540/540ECO/1000		○		
Groundspeed PTO		○		
Front PTO 1000		○		
AXLES AND BRAKES				
Model		SDF		
Electro-hydraulic differential lock 100%		▲		
Steering angle	degrees	55		
Mechanical parking brake		▲		
Pneumatic trailer brake		○		
Hydraulic trailer brake with Dual Mode function		○		
ABS socket		○		
ELECTRICAL SYSTEM				
Voltage	V	12		
Standard battery	V/Ah	12/88		
Alternator	V/A	14/120		
Starter motor	V/kW	12/3.5		
External socket		▲		


- ▲ STD
- OPT
- Not available

		75	95	105
CAB				
4-pillar cab			▲	
Adjustable and telescopic rear view mirrors			▲	
Air conditioning			○	
High visibility roof			○	
High visibility roof FOPS			○	
Seat with mechanical suspension			▲	
Seat with pneumatic suspension			○	
Pre-arrangement for radio with antenna and loud speakers			▲	
4x Halogen work lights on cab roof			▲	
4x LED work lights			○	
Up to 2x Beacon light LED			○	
LED driving lights			○	
FRONT LOADER				
Pre-arrangement Light Kit			○	
Pre-arrangement Ready Kit			○	
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 the pivot point	daN		2310 2360 2620	
DIMENSIONS AND WEIGHTS				
Front tyres (min.)			320/70 R24	
Rear tyres (min.)			340/85 R36	
Front tyres (max.)			440/65 R20	
Rear tyres (max.)			600/60 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

