

FRTNTRL

[STAGE V]

FRUTTETO Natural
70 | 80



[CODENAME]

FRUTTETO NATURAL

[DISTINGUISHING FEATURES]

SPECIALISED IN SIMPLICITY



SAME

FRTNTRL

[STAGE V]



[MISSION]

THE PERFECT COMBINATION OF SIMPLICITY AND SPECIALISED CAPABILITY.

Class beating performance in all conditions thanks to the new FARMotion 35 engine and high configurability of the transmissions.

MISSION

The direct descendent of the highly successful SAME Frutteto range, the new Frutteto Natural Stage V family offers a choice of tractors conceived for unparalleled efficiency and reliability. The easy-to-use, the high configurability, the precise rear lift and the front axle with brakes are just some of the standout features of this new family. Frutteto Natural Stage V features the state-of-art FARMotion 35 engines that, in this power range, are able to fulfil the strict requirements of Stage V with DPF only, without requiring the use of additional additives, such as AdBlue. The compact layout of the exhaust-after treatment allows Stage V upgrade without having any impact on overall

tractor dimensions, keeping the tractor with the same agility and visibility of predecessor models. Under the bonnet is only located the DOC, while the passive DPF is placed under the left side of the platform in a protected position. The wide choice of transmission, available from 8+8 to 30+15 with mechanical splitter, and the possibility to configure the tractor with a standard or a compact rear three-point hitch give you the possibility to customise the tractor according to the needs of your farm. The tractors of Frutteto Natural family are fitted as standard with a front axle with multiplate wet disc brakes, while a Dual Mode trailer braking is available as option.



ENGINE

BORN FOR AGRICULTURE.



The FARMotion 35 engines powering the Frutteto Natural Stage V family makes use of advanced technological solutions, such as a high-pressure Common Rail injection, viscostatic fan, turbo-intercooler forced induction and a completely electronic engine management system, to deliver class-beating fuel economy. The outstanding performance of these engines is clear in these impressive figures: with a maximum engine speed of just 2200 rpm, these engines offer torque reserves of up to 28% (in the case of the SAME Frutteto 80 Natural model). The original technical solutions implemented in the design of construction of FARMotion 35 engines have made it possible to achieve compliance with Stage V emissions regulations with a lightweight external cooled EGR system combined with a simple, maintenance-free DOC catalytic converter and a passive DPF that does not require the injection of additional fuel into the system or periodic AdBlue refills. The new preheat system, on the other hand, ensures dependable, quick engine starts even in the coldest weather. Lowest running costs are guaranteed thanks to the 600 hours engine oil interval, the hydraulic valve lifters and the minimized fuel consumption.

ENGINE



Engine speed
memory button.

70: 48,9 kW / 66 HP

80: 55,8 kW / 76 HP



TRANSMISSION AND PTO

EFFICIENT AND RELIABLE.



The ample freedom of choice offered by the Frutteto Natural range in terms of transmissions lets you configure the perfect machine for your specific needs. These are all fully synchronised mechanical transmissions for superior efficiency in all conditions, capable of transferring the power of the engine effectively to the ground without wasteful losses. These transmissions are also all extremely intuitive to use, whether you choose a simpler version (with 4 speeds and two ranges) or a more comprehensive configuration (with 5 speeds and 2 or 3 ranges), which may also be equipped with a creeper and a supercreeper gear to offer, in combination with the synchronised reverse shuttle, up to 30 forward speeds and 15 reverse speeds and a top speed of 40 Km/h. Intelligently spaced ratios mean that, in 15+15 speed configuration and fitted with 13.6R28 tyres, SAME Frutteto Natural tractors are capable of covering a range of speeds from 0.28 km/h to 39.22 km/h at an engine speed of 2200 rpm; 5 of these

ratios may be used at ground speeds between 4 and 15 km/h - the range of speeds at which the majority of tasks are performed. Ideal weight distribution, impressive ground clearance and 100% lockable front and rear differentials make SAME Frutteto Natural tractors perfectly suited to all tasks, from the simplest to the most challenging.

Designed and built entirely in-house, the front axle features multiplate wet disc brakes and a 100% lockable differential, and boasts a maximum permissible load of 1800 Kg and a maximum steering angle of 55°.

There are important innovations also for the braking system: as an option, these tractors may be equipped with a dedicated hydraulic dual mode trailer braking line which already meets the requirements of the latest safety directives. The electronic management system also includes an additional mode for controlling the dedicated trailer line.



HYDRAULICS AND LIFT

SIMPLE AND POTENT.



The open centre hydraulic system is available in two different configurations, with 42 or 50 l/min pumps. The choice of rear distributors ranges from a basic 4 ways configuration to a comprehensive 6 ways solution. All the configurations offered feature SAME mechanically controlled distributors, which are renowned for their precision and reliability. An additional 18 l/min pump dedicated to the hydrostatic steering system ensures smooth steering

action even at low engine speeds and while other hydraulic utilities are in use.

Available as two versions differing in geometry and maximum lift capacity (2700 kg for the Compact variant and 3050 kg for the Standard lift), the hydraulic rear lift features a new SAC ('Stazione Automatica di Controllo' - Automatic Control Station) offering even greater precision and requiring even less effort to operate using the mechanical control levers.



DRIVING POSITION

ERGONOMIC AND INTUITIVE.



The layout of the driver zone, with a low profile centre tunnel and ergonomic controls, offers a great driving comfort. SAME has a tried and tested colour-coded control scheme that lets the driver identify controls immediately and intuitively with no guesswork. The state-of-the-art instrument dashboard features a practical digital display providing the driver with all the information necessary concerning the functions and operating status of the machine, while the gear levers ensure precise, effortless shifting action. The 2-post ROPS can be folded down in order to minimise tractor height and increase its agility in orchards, especially when working under tree branches.



FRONTAL
[STAGE V]



FRUTTETO NATURAL

		70	80
ENGINE			
Type		FARMotion 35	
Emission level		Stage V	
Aspiration		Turbo Intercooler	
Injection@pressure		Common Rail @ 2.000 bar	
Cylinders/Displacement	n°/cc	3/2.887	
Max. power @ 2.000 rpm	kW/Hp	48.9/66	55.8/76
Rated power @ 2.200 rpm	kW/Hp	48/65	55.2/75
Max. torque @ 1600 rpm	Nm	297	341
Fuel tank	l	65	
TRANSMISSION			
Mechanical shuttle		▲	▲
Max. speed		40 km/h	
4-GEARS TRANSMISSION			
N° of speed		8+8	
5-GEARS TRANSMISSION			
N° of speed		10+10 or 15+15 with creeper or 30+15 with creeper and mechanical splitter	
PTO			
Mechanical engagement		▲	▲
PTO speeds		540/540E	
Groundspeed PTO		○	○
LIFT			
Mechanical rear lift		▲	▲
Rear lifting capacity - Standard	kg	3050	
Rear lifting capacity - Compact	kg	2700	
Rear lift link category	Cat.	I or II	I or II
HYDRAULICS			
Pump flow	l/min	42 or 50	42 or 50
Rear spool valves	n°	2/3	2/3
BRAKES			
4 wheel braking		▲	▲
Mechanical parking brake		▲	▲
Hydraulic dual-mode trailer brake		○	○
FRONT AXLE			
Mechanical engagement for Diff.Lock		▲	▲
Mechanical engagement for 4WD		▲	▲
Independent steering pump		▲	▲
ROPS			
2-post foldable ROPS		▲	▲
Digital dashboard		▲	▲
Rear working lamp		▲	▲
Side gear levers		▲	▲
DIMENSIONS			
Wheelbase	mm	1996	
Width (min.-max.)	mm	1450 - 1640	
Maximum height (ROPS folded down)	mm	1430	
Weight - ROPS	kg	2535	

▲ STD ○ OPT = Not available

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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 or talk to your dealer.



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