



[CODENAME]

FRUTTETO

STAGE V

90 | 95 | 100 | 105 | 115
Platform



SAME

[MISSION]

UNCOMPROMISED COMFORT IN ORCHARDS AND VINEYARDS.

A range with best technologies for high value specialised crops.

Big performance in a compact package. This could be the motto of the new SAME Frutteto a family of powerful, efficient and agile tractors where every detail is optimised for productivity. With a huge choice of models and configurations on offer, the tractors of the new SAME Frutteto Stage V family are the perfect solution to the needs of any fruit grower, wine farmer or vegetable producer, whatever the working conditions. Frutteto Platform Stage V tractors are available with the FARMotion 35 and FARMotion 45 engines, with 3 or 4 cylinders, and a choice of fully mechanical or Powershift transmissions, fixed or ActiveDrive front axles and a hydraulic system that is fully customisable for the specific demands of any application. Whatever the

configuration chosen, SAME Frutteto Stage V tractors deliver extraordinary performance with all the compact dimensions you need. The range-topping models (Frutteto 115) have a maximum power output of 116 HP. Even with the addition of a complete exhaust aftertreatment system (EAT), these models still retain the compact overall dimensions that have made the Frutteto family such a hit. Superior agility and visibility are ensured by the sloped, tapered forms of the hood and the short wheelbase. The new Frutteto Stage V family also excels in terms of safety, and comes as standard with front axle brakes and a platform suspended on four Hydro Silent-Blocks to minimise the vibration transmitted to the driver.

MISSION



[2]

ENGINE

THE IDEAL COMBINATION OF PERFORMANCE AND MINIMISED RUNNING COSTS.



Two engine variants are available. The three cylinder FARMotion 35, which allows for an extremely compact wheelbase, and the four cylinder FARMotion 45, with the largest displacement offered by the Frutteto range.

The state of the art FARMotion engines equipping the Frutteto Stage V family were specifically developed for agricultural applications where space is at a premium. Even though it boasts the largest engine capacity in this category, the FARMotion 45 is an extraordinarily compact engine, matched perfectly with the transmission, meaning that none of the essential requisites for a specialised tractor in terms of visibility, steering angle and superior agility are compromised. All the components of the engine, such as the radiator, fan, hoses and filters, are designed to minimise space used, while maximising ease of access for maintenance. But that's not all. In addition to optimised torque and power delivery combined with extraordinarily low fuel consumption, the minimised noise emissions of these FARMotion units also contribute to significantly improving productivity and general comfort on board the SAME Frutteto Platform models. The FARMotion 35 and 45 are turbocharged, intercooled and electronically controlled engines with outputs from 91 to 116 HP (67 - 85 kW). Featuring a suite of state of the art emissions abatement solutions - externally cooled EGR, DOC, external DPF and SCR with AdBlue injection (to reduce NOx emissions) - these engines comply

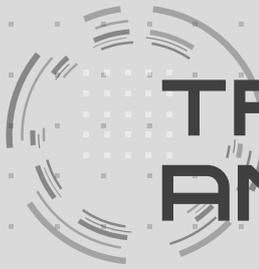
with all the requirements of the most stringent (Stage V) international emissions standards. The configuration of the heads and cylinder sleeves has been specifically designed to optimise cooling performance and allow for extremely simple servicing, while hydraulic tappets ensure automatic and maintenance-free valve clearance adjustment throughout the entire lifespan of the engine. Extremely long oil change intervals (600 hours) further contribute to the low operating costs of the FARMotion 35 and 45 engines. These engines can be fuelled up with HVO (Hydrotreated Vegetable Oil), delivering outstanding performances with a significant reduction of CO2 emissions.

ENGINE

Max. power

90:	91 HP / 67 kW
95:	95 HP / 70 kW
100:	102 HP / 75 kW
105:	106 HP / 78 kW
115:	116 HP / 85 kW





TRANSMISSION AND PTO

A COMPREHENSIVE CHOICE
OF TRANSMISSIONS TO CATER
FOR ANY TASK IN THE FIELD
AND BEYOND.

TRANSMISSION AND PTO



There are six transmissions to choose from, to tackle any job in any terrain conditions.

Fruitteto Platform tractors are offered with a wide choice of transmissions to meet the needs of fruit and wine farmers all over the world. The fully mechanical variant meets the needs of operators looking for a simple solution and value for money, while the Powershift version, with 2 or 3 Powershift ranges, delivers extraordinary productivity and comfort. The base configuration consists of a 4-speed synchronised mechanical main gearbox, which can be complemented with a mechanical underdrive to double the total number of forward speeds available. Underdrive is also available on the 5-speed configuration, for a total of 30+15 speeds. The underdrive gear is engaged mechanically from a new control integrated in the reverse shuttle lever, and allows for groundspeeds as low as 240 m/h. Another option introduced on the Fruitteto Stage V is the Hi-Lo transmission with two stage Powershift. Last but not least is the acclaimed 45+45 configuration - boasting a 5 speed synchronised main gearbox and 3 stage Powershift, this transmission raises the bar for the specialised tractor segment.

Unlike many solutions offered on the market, the Powershift available for the SAME Fruitteto Platform models works both in forward and reverse, allowing

extremely precise speed control even during headland turn manoeuvres and when loading pallets with rear lift forks. All 5 speed transmission variants, from the 15+15 to the 45+45 configuration, include the OverSpeed function, which allows for a top speed of 40 km/h attained at economy engine speed. All Frutteto models may be equipped with a hydraulic reverse shuttle which includes technological features such as the exclusive Stop&Go function which, when enabled, lets the driver stop, hold the tractor and set off again by simply pressing and releasing the brake pedals, without using the clutch pedal. This function is particularly helpful when hitching the tractor to implements and when setting off on uphill

gradients. PowerShuttle versions also include the ComfortClutch and SenseClutch functions: the former lets the driver operate the clutch by simply pressing a button on the shift lever, while the latter is usable to set the rate at which the reverse shuttle executes direction inversion manoeuvres. The tractors of the Frutteto family come as standard with two PTO speeds, 540 rpm and 540ECO, while a 1000 rpm PTO speed and a groundspeed mode - a must for working with driven wheel trailers - can be added as options. The rear PTO is also offered with a choice of a fixed shaft or an interchangeable output stub shaft.





AXLES AND BRAKES

COMFORT, MANOEUVRABILITY
AND SAFETY IN ANY
CONDITIONS.



The exclusive ActiveDrive front axle redefined the standards for the dynamic behaviour of specialised tractors.

In keeping with SAME tradition, the tractors of the new Frutteto Platform are equipped with wet disc front brakes as standard, for guaranteed safety in all conditions. All models are available even with the advanced front axle with the ActiveDrive independent wheel suspension system, which works in concert with the DTC (Differential Traction Control) function.

The ActiveDrive independent front axle suspension adapts in real time to vehicle speed and steering angles. In a nutshell, the electronic system alters the stiffness and damping response of the shock absorbers instantaneously in response to driving conditions and the operating parameters of the machine. ActiveDrive uses a combination of active damping control, self levelling and traction control functions to improve stability, grip, traction, comfort and safety in all working conditions, whether in the field or on the road. The highly effective and integrated functions of the entire ActiveDrive system



complement the compact dimensions of the Frutteto Platform to perfection to maximise productivity in fruit orchards and vineyards, letting these tractors manoeuvre with ease with heavy implements even on steep gradients and in poor terrain conditions, and especially in situations with very limited headland space. The system also significantly improves comfort during road transport use. The ActiveDrive suspension also includes Anti-Dive and Anti-Roll functions as standard. Anti-Dive improves safety under braking by compensating for sudden compression of the front axle. This reduces stopping distances, especially in the case of sudden, emergency braking. The Anti-Roll lateral stabilising function adjusts damper stiffness in relation to steering angle and vehicle speed. When cornering, the system increases the stiffness of the exterior side wheel

suspension relative to the inner side wheel to cancel out roll and improve stability. 4WD and the 100% lockable differential lock - available as standard on all models - ensure impeccable traction in all terrain conditions. The optional Auto 4WD function engages and disengages four wheel drive automatically in relation to ground speed and steering angle. Regardless of the front axle configuration chosen, whether fixed or with ActiveDrive, all Frutteto models boast extraordinary agility and manoeuvrability, with a generous steering angle and the SDD function. When enabled, SDD halves the number of steering wheel turns to steer from lock to lock.





HYDRAULICS AND LIFTS

ALL THE VERSATILITY AND LIFTING CAPACITY YOU NEED.



A custom configurable hydraulic system for working effectively with all the implements used in orchard, vineyard and grounds care applications.

The latest generation of implements for the vineyard and orchard are more power hungry than ever and call for larger numbers of hydraulic connections. The Frutteto Platform models offer extraordinary scope for configuring the hydraulic system to cater for the needs of any implement, whether connected at the rear, front or centre of the tractor. The main hydraulic circuit is fed by a single pump or dual tandem pumps, with outputs up to 68 l/min, to offer the most effective solution possible for the hydraulic requirements of any application. All models are in addition equipped with an independent secondary pump exclusively for the steering system, for impeccable, smooth

steering action in any situation.

Up to 10 rear hydraulic connections are available, with free return and flow regulator as standard. Extraordinary versatility is also offered for configuring the mid mounted hydraulic couplers: with up to 4 couplers duplicating the rear distributors and 1 free return line.

The unrivalled excellence of SAME Frutteto Platform models is also evident in the performance of their rear and front lifts. As standard, an effective rear lift with mechanical control is available on all models, while an electronically controlled



rear lift is available as option. The electronically controlled lift offers precise and effective draft and position control in any situation. And in addition to adjustable drop rate, the lift also comes as standard with a system for damping the oscillation generated by mounted implements during road transport. Practical controls on the rear of the console or on the mudguards let the operator control the rear lift with precise, modulated movements, when connecting the machine to rear implements. Regardless the configuration, the rear lift

of the Frutteto Platform models can reach a maximum capacity of up to 3940 kg. Frutteto Platform are offered with optional three point linkage with hydraulically adjustable stabilisers and right hand tie-rod, fed by dedicated distributors and 1500 kg capacity front lift, developed specifically by SAME for this tractor family, and is integrated perfectly into the design of the front of the Frutteto. When not in use, the lower link arms of the front lift can be folded to minimise the overall footprint of the machine.



The hydraulic system is designed to provide maximum efficiency and reliability. It features a dedicated distributor for the front lift, ensuring precise control and modulation of movements. The system is integrated into the front of the tractor, minimizing the overall footprint.



HYDRAULICS AND LIFTS

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DRIVING POSITION

THE BEST SPECIALISED TRACTOR, IN THE PRACTICAL OPEN STATION VERSION AS WELL.

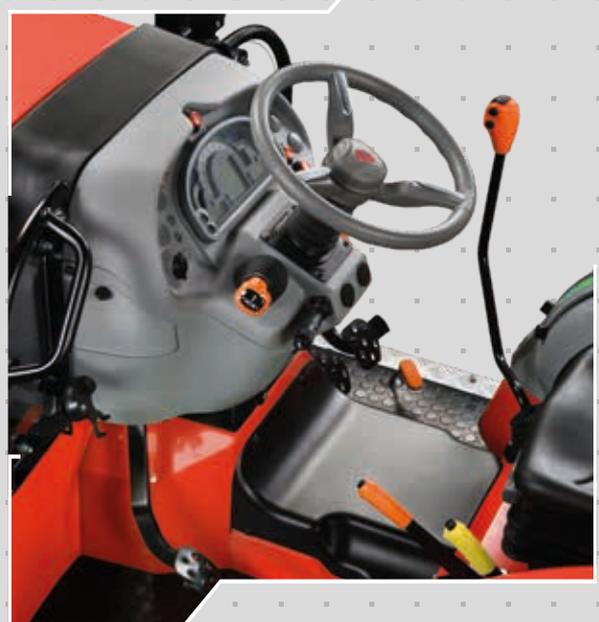
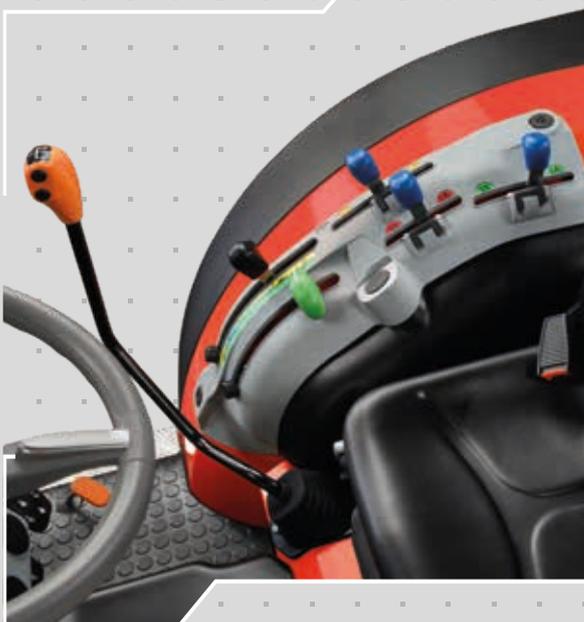


Ultimate comfort thanks to the Hydro Silent-Block platform suspension.

SAME Frutteto Platform version meets the requirements of fruit and vine growers who need a low tractor which is able to easily work in cramped spaces, such as pergola training or citrus orchards.

SAME Frutteto Platform tractors offer class-beating comfort with a driver zone designed in accordance with the latest principles for ergonomics and a platform isolated from the powertrain by special Hydro Silent-Block suspension, which significantly reduce the vibration transmitted to the driver.

To maximise the comfort, a pneumatic driver seat is even available as option. Minimising noise levels was also a priority in the design, with special sound-proofing materials applied under the hood and platform. The driver zone features a height-adjustable steering wheel, which allows the perfect fitting for the drivers of any stature, while ergonomic controls organised in the SAME brand's tried and tested colour coded layout make the tractor extraordinarily simple and intuitive to use.

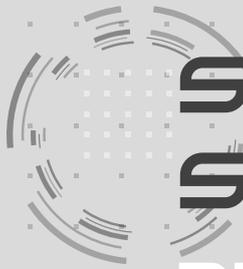


In order to cater the needs of all orchard growers, the tractors of the new Frutteto family are offered with two different platform height variants. The higher platform is able to accommodate big rear tyres, up to 28", while the lower one has been designed keeping in mind the need of the orchard growers which needs a tractor as low as possible.

When equipped with the low platform version and the smallest tyre size available, these tractors have a mudguard height of just 1.18 m. Regardless the size of the platform, all models feature as standard a practical smartphone holder with 2-USB charging ports.



DRIVING POSITION



SDF SMART FARMING SOLUTIONS

AGRICULTURE 4.0: FULLY CONNECTED.

The tractors of the Frutteto family offer class-beating technology, letting you get on with your work with even more intelligent solutions. The tractors may be equipped as an option with the most advanced and sophisticated telemetry systems. The connectivity solutions offered by SAME make interaction between the office and machinery even simpler. The new SDF Fleet Management suite puts the user in total control of the new Frutteto. The application lets the owner keep track of the position of the tractor in real time, wherever it is. SDF Fleet Management can also be used as an effective tool for planning maintenance, by making use of its notification functions, and for acquiring data relative to performance and fuel consumption. With the SDF Fleet Management application, dealers can always assist drivers in case of any upcoming issues that may occur. This reduces downtime and increases operation reliability of customer's machine.



SDF Fleet Management

With the new SDF Fleet Management application, SDF offers customisable solutions for the real-time management of key data concerning the operation of the machine. Our clients benefit significantly from being in total control of their machines and from the ability to manage a host of vital data, such as tracking data relative to activities. The SDF Fleet Management suite of applications is the centralised control interface for analysing telemetry data from SAME machines. Tractor data is transmitted in real time over a mobile internet connection to the application, which allows users to analyse, monitor and even optimise the use of their machinery. The “map” view shows the location and status of machines or an entire fleet, and can also display historical data. On request, you can set up virtual fences to receive warnings if a machine leaves the area. Error messages may be forwarded to the technical support team of the dealership, and used to predict failure and reduce unnecessary machine down time.



HIGHLIGHTS

NEW HYDRAULIC SYSTEM

- Up to 10 rear hydraulic and 4 mid mounted ways, always with free return
- Flow regulator availability
- Single pump with 48 or 56 l/min or Double pump with 68 l/min oil flow
- Rear lift capacity up to 3940 kg
- Electronic rear lift with vibration damping system

TRANSMISSION

- Mechanical shuttle: from 12+12 up to 30+30 with 2-Powershift steps (Hi-Lo) Mechanical splitter available (24+12 or 30+15)
- PowerShuttle: from 15+15 up to 45+45 with 3-Powershift steps (HML)
- Maximum speed of 40 km/h at economy engine revs (with 5-gears transmission)
- Minimum speed of just 203 m/h

DRIVING POSITION

- Platform suspended on Hydro Silent-Blocks
- Two platforms with different mudguard heights
- Adjustable steering column and air suspended seat
- Ergonomic spool and lift controls. All controls grouped following colour coding logic

FARMOTION 35 AND 45

- FARMotion 35 and 45 engines, 3 and 4 cyl.
- FARMotion 35 allows short wheelbase for high maneuverability
- FARMotion 45 features the highest displacement in the segment
- Max. power up to 116 HP
- Tapered and sloping bonnet gives excellent agility and visibility

AXLES

- Fixed front axle or exclusive ActiveDrive front axle
- True 4-wheel braking
- 4WD and diff. lock electrohydraulically engaged
- Two steering rams for precise steering

FRUTTETO PLATFORM

		90	95	100	105	115
ENGINE						
Model		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail @ 2000 bar				
Cylinder/Displacement	n°/cc	3/2887	4/3849	3/2887	4/3849	
Max. power (ECE R120)	kW/HP	67/91	70/95	75/102	78/106	85/116
Power at rated engine speed (ECE R120)	kW/HP	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @ 1400 rpm	Nm	372	389	417	433	472
Fuel tank capacity	l	82				
AdBlue tank capacity	l	13				
TRANSMISSION - MECHANICAL SHUTTLE						
Number of speeds - 4 gears transmission		12+12 or 24+12 (with mechanical splitter)				
Max. speed - 4 gears transmission	km/h	40				
Number of speeds - 5 gears transmission		15+15 or 30+15 (with mechanical splitter) or 30+30 (with Hi-Lo 2-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40 ECO*				
TRANSMISSION - POWERSHUTTLE						
Number of speeds - 5 gears transmission		15+15 or 30+30 (with Hi-Lo 2-Powershift steps) or 45+45 (with HML 3-Powershift steps)				
Max. speed - 5 gears transmission	km/h	40 ECO*				
PTO						
PTO speeds		540/540ECO or 540/540ECO/1000				
Groundspeed PTO		○				
Front PTO		○				
LIFT						
Mechanical rear lift		▲				
Electronic rear lift		○				
Rear lift capacity (STD/OPT)	kg	3130/3940				
Hydraulic right tie rod and stabilisers		○				
Front lift (1500 kg)		○				
HYDRAULICS						
Open centre hydraulic system (STD/OPT)	l/min	48/56				
Open centre hydraulic system with double pump (OPT)	l/min	68				
Flow divider for simultaneous use of rear lift and spool valves		○				
Rear hydraulic ways (STD/OPT)	n°	4/6/10				
Flow regulator		○				
Rear free return		▲				
Mid-mounted hydraulic ways - duplicated from rear (OPT)	n° of ways	4				
Mid-mounted free return		▲				
BRAKES						
4 wheel braking		▲				
Hydraulic trailer brake		○				
FRONT AXLE						
Electrohydraulic engagement for 4WD and Diff.Lock		▲				
Independent steering pump		▲				
ACTIVEDRIVE (OPT)						
Adaptive-Damping, Active Self-Levelling functions		▲				
Anti-Dive, Anti-Roll functions		▲				
Differential Traction Control (DTC)		▲				
DRIVING POSITION						
Welded platform with tunnel		▲				
2-post foldable safety frame		○				
Suspended on Hydro Silent-Block		▲				
Driver seat with mechanical suspension		▲				
Driver seat with pneumatic suspension		○				
Height adjustment of steering column		▲				
Smartphone holder with 2 USB chargers		▲				
LED driving and working lights		○				
CTM (EU)		▲				
DIMENSIONS AND WEIGHTS						
With front tyre	Size	240/70 R16				
With rear tyre	Size	380/70 R20				
Wheelbase	mm	2044	2174	2044	2174	
Max. length	mm	3825	3955	3825	3955	
Total height - ROPS	mm	2225	2355	2225	2355	
Height at bonnet	mm	1351				
Height at mudguards	mm	1180				
Width	mm	1540				
Weight	kg	2590	2650	2590	2650	
Total admissible load	kg	5000				

▲ STD

○ OPT

- Not available

* According to rear tyres size.

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

