



Frutteto³ NATURAL



SAME

THE PERFECT COMBINATION OF SIMPLICITY AND SPECIALISED CAPABILITY

The Frutteto³ Natural is latest in a long line of offerings drawing from the extensive experience of SAME in producing specialised tractors for the vineyard and fruit orchard.

With a comprehensive specification choice, for working effectively with any implement on the farm, these are truly multipurpose machines, responding perfectly to the need for practicality and simplicity typical of a specialised operation while capable of operating as an effective utility tractor for a small farm.

Whilst these machines are capable of class beating performance in all conditions, their practical and simple colour coded controls mean that even a new operator can work productively and effectively. These tractors are competitively priced, to ensure a rapid return on your investment. Boasting solid construction,

an ultra-modern design, a single piece bonnet and a low driving position, these tractors are tireless workers with superb manoeuvrability.



ENGINE:

3 OR 4 CYLINDERS

Frutteto³ Natural tractors are all equipped with turbocharged SDF engines, while higher horsepower models also feature an air-air intercooler.

Boasting Tier3 emissions compliance across the range and a displacement capacity per cylinder of 1000 cm³, these engines are offered in a choice of different configurations: with two 3 cylinder turbo variants, with maximum power outputs of 55 and 62 HP, a 3 cylinder turbo-intercooler model with 72 HP and, at the top of the range, a 4 cylinder turbo intercooled engine with 75 HP. This choice of different options lets you choose between a compact 3 cylinder unit for greater manoeuvrability, and a larger 4 cylinder engine, for excellent pulling power when needed. The generous torque of these engines highlights their specific design for agricultural operations,

with torque peaking at 1600 rpm but with close to maximum torque available across a broad range of lower engine speeds for maximum flexibility. The intercooler equipping Frutteto³ Natural tractors cools the air compressed by the turbocharger, increasing its density. This increases the quantity of oxygen fed into the cylinders, maximising combustion efficiency. The result is a substantial increase in power, reduced fuel consumption and lower engine operating temperatures. Unlike any other system available on the market today, the exclusive SDF fuel injection system features an individual injection pump for each cylinder, making it a more

advanced and reliable system than conventional rotary pumps. With an operating pressure of 1200 bar, this injection system optimises performance and consumption.



NATURAL
Frutteto³ 65

IMPRESSIVE PERFORMANCE AND FUEL ECONOMY EFFICIENCY IN ALL CONDITIONS

The SDF Tier3 engines powering Frutteto³ Natural tractors boast HRT technology (Hydraulic Roller Tappets), which uses hydraulically actuated valves to manage the delivery of fuel into the combustion chamber. This optimises cold starting performance, eliminating the typical white smoke produced by diesel engines in these conditions, and ensuring maximum engine productivity and efficiency right from the start of the working day. The layout of all

engine accessories (radiators, fans, pipes, filters etc.) is designed together with the engine itself for compactness and intelligent use of space, but also to facilitate regular and unscheduled maintenance. The radiator pack (engine coolant radiator, hydraulic oil radiator and intercooler) is compact and extremely quick and easy to clean, even when out in the field, while the radiators/coolers themselves are made from aluminium, making them significantly lighter than copper

or brass components. The 65 litre fuel tank situated behind the instrument panel is large enough to allow even the higher performance model to work without a re-fill for many hours.

HYDRAULICS: SIMPLE YET COMPLETE

The open centre hydraulic system features a 42 L/min gear pump feeding the rear hitch lift and the 4-coupling (or optional 6-coupling) auxiliary valve distributors, while an additional 18 L/min pump dedicated to the hydrostatic steering system ensures a smooth steering action even at low engine

speeds and while other hydraulic utilities are in use. Available in 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 hitch control valve offers even greater precision and requiring even less effort to operate using the

mechanical control levers.²



TRANSMISSION: RELIABLE AND EFFICIENT

The wide choice of options offered by the Frutteto³ Natural range also extends to the transmission, letting you configure the perfect machine for your 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. They are also all practical and easy to use, whether you choose a simpler version (with 4 speeds

and two ranges) or a more comprehensive version (with 5 speeds and 2 or 3 ranges). All configurations offer a top speed of 40 km/h and come complete with a synchronised reverse shuttle, letting the driver make use of all the transmission speeds available in both forwards and reverse directions. Intelligently spaced ratios mean that, in 15+15 speed configuration and fitted with 13.6R28, SAME Frutteto³ Natural tractors are capable of covering a range of speeds from 0.28 km/h

(in lowest gear) to 39.22 km/h (in top gear) at an engine speed of 2200 rpm; the driver has a choice of 5 speed ratios for 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% locking front and rear differentials make SAME Frutteto³ Natural tractors perfectly suited to all tasks, from the simplest to the most challenging.

PTO: UNPARALLED VERSATILITY

In addition to offering the standard 540 rpm speed mode, the mechanically controlled ground speed PTO with independent clutch

is also available with optional 540 ECO and "Syncro" modes, the latter with the speed of the PTO synchronised with the ground speed

of the tractor.



AXLES AND BRAKES: SAFETY FIRST

For total safety even when braking in the most challenging conditions and without having to engage dual traction when braking, 4-wheel drive versions feature effective wet disc

brakes on every wheel. These tractors are also equipped as standard with the separate brake valve, which lets the driver choose to use the brakes on the rear axle only, or even brake

the rear wheels individually, to make headland manoeuvres even easier.

DRIVER SEAT: SPACIOUS COMFORT

The spacious, comfortable driver zone features logically laid out controls, with the controls themselves situated mainly to the sides of the seat and colour coded for immediate identification. Specifically: the gear and range selector levers, hydraulic valve distributor controls, mechanical differential lock control and hand throttle are situated on the right hand side of the driver, while the ground speed PTO selector lever, four-wheel drive on/

off lever, the PTO clutch control lever and the parking brake lever are located on the left. The dashboard instrumentation includes analogue dials for coolant temperature, engine and PTO speed and fuel level; and, of course, also features conventional warning and indicator lamps for low engine oil and battery charge, and the turn indicators. For ultimate protection in the event of overturning, these tractors are equipped with

a robust two-post front roll-bar, which folds down to allow manoeuvres in enclosed spaces, and a small fixed rear roll-bar.

TECHNICAL DATA

| Frutteto ³ Natural | | 55 | 65 | 75 | 80.4 |
|----------------------------------------------------|------------|-------------|-------------|-------------|-------------|
| ENGINE | | | | | |
| Manufacturer | | SDF | SDF | SDF | SDF |
| Model | | 1000.3 | 1000.3 | 1000.3 | 1000.4 |
| Emissions | | Tier3 | Tier3 | Tier3 | Tier3 |
| Cylinders/Displacement/Valves | n°/cc/n° | 3/3000/2 | 3/3000/2 | 3/3000/2 | 4/4000/2 |
| Pump-injector | | Direct | Direct | Direct | Direct |
| Turbo | | • | • | - | - |
| Turbo Intercooler | | - | - | • | • |
| Max. power (ECE R120) | kW/hp | 40.5/55 | 45.6/62 | 53/72 | 55/75 |
| Max. power engine speed | rpm | 2200 | 2200 | 2200 | 2200 |
| Power at rated engine speed (ECE R-120) | kW/hp | 40.5/55 | 45.6/62 | 53/72 | 55/75 |
| Rated speed | rpm | 2200 | 2200 | 2200 | 2200 |
| Max. torque | Nm | 213 | 240 | 265 | 285 |
| Engine speed at maximum torque | rpm | 1400 | 1600 | 1600 | 1600 |
| Torque rise | % | 21 | 21 | 15 | 19 |
| Mechanical engine control | | • | • | • | • |
| Under-bonnet silencer with side exhaust | | • | • | • | • |
| Exhaust gas after-treatment system | | iEGR | iEGR | iEGR | iEGR |
| Fuel tank capacity | litres | 65 | 65 | 65 | 65 |
| SHUTTLE | | | | | |
| Synchronised mechanical reverse shuttle | | • | • | • | • |
| Mechanical clutch | | • | • | • | • |
| MECHANICAL GEARBOX | | | | | |
| Number of speeds | n° | 8+8 | 8+8 | 8+8 | 8+8 |
| Number of gears | n° | 4 | 4 | 4 | 4 |
| Number of ranges | n° | 2 | 2 | 2 | 2 |
| Synchronised ratios | | • | • | • | • |
| Number of speeds | n° | 10+10 | 10+10 | 10+10 | 10+10 |
| Number of gears | n° | 5 | 5 | 5 | 5 |
| Number of ranges | n° | 2 | 2 | 2 | 2 |
| Synchronised ratios | | • | • | • | • |
| Number of speeds with supercreeper gear | n° | 15+15 | 15+15 | 15+15 | 15+15 |
| Number of gears | n° | 5 | 5 | 5 | 5 |
| Number of ranges | n° | 3 | 3 | 3 | 3 |
| Supercreeper gear | | • | • | • | • |
| Minimum speed/minimum speed with supercreeper gear | m/hr | 1790/280 | 1790/280 | 1790/280 | 1790/280 |
| REAR P.T.O. | | | | | |
| Dry clutch | | • | • | • | • |
| Mechanical engagement | | • | • | • | • |
| PTO 540 | | • | • | • | • |
| PTO 540/540ECO | | ○ | ○ | ○ | ○ |
| Ground speed PTO | | ○ | ○ | ○ | ○ |
| FRONT AND REAR AXLE | | | | | |
| Front axle, 4WD | | • | • | • | • |
| 100% lockable front/rear differentials | | • | • | • | • |
| BRAKES | | | | | |
| Hydrostatic control | | • | • | • | • |
| Mechanical parking brake | | • | • | • | • |
| Trailer hydraulic braking valve | | ○ | ○ | ○ | ○ |
| STEERING | | | | | |
| Hydrostatic steering with independent pump | | • | • | • | • |
| Pump output | l/min | 18 | 18 | 18 | 18 |
| HITCH | | | | | |
| Mechanical rear hitch control | | • | • | • | • |
| Rear lift capacity (STANDARD version) | kg | 3050 | 3050 | 3050 | 3050 |
| Rear lift capacity (COMPACT version) | kg | 2700 | 2700 | 2700 | 2700 |
| HYDRAULIC SYSTEM | | | | | |
| Open-centre hydraulic circuits | | • | • | • | • |
| Pump output | l/min | 42 | 42 | 42 | 42 |
| Mechanical engagement | | • | • | • | • |
| Auxiliary rear hydraulic distributors (std) | n° of ways | 4 | 4 | 4 | 4 |
| Auxiliary rear hydraulic distributors (opt) | n° of ways | 6 | 6 | 6 | 6 |
| PLATFORM | | | | | |
| Folding roll over protection frame (ROPS) | | • | • | • | • |
| DIMENSIONS AND WEIGHTS | | | | | |
| Standard front tyres | | 280/70 R16" | 280/70 R16" | 280/70 R16" | 280/70 R16" |
| Standard rear tyres | | 360/70 R24" | 360/70 R24" | 360/70 R24" | 360/70 R24" |
| Maximum front track | mm | 1462 | 1462 | 1462 | 1462 |
| Maximum rear track | mm | 1466 | 1466 | 1466 | 1466 |
| Width between mudguards | mm | 600 | 600 | 600 | 600 |
| Width at mudguards (without extensions) | mm | 1120 | 1120 | 1120 | 1120 |
| Total rear width | mm | 1466 | 1466 | 1466 | 1466 |
| Total front width | mm | 1462 | 1462 | 1462 | 1462 |
| Wheelbase | mm | 1996 | 1996 | 1996 | 2126 |
| Length (with rear linkage) | mm | 3442 | 3442 | 3442 | 5373 |
| Front track (min./max.) | mm | 1166/1422 | 1166/1422 | 1166/1422 | 1166/1422 |
| Rear track (min./max.) | mm | 1091/1491 | 1091/1491 | 1091/1491 | 1091/1491 |
| Max height at ROPS | mm | 2319 | 2319 | 2319 | 2319 |
| Height at steering wheel | mm | 1430 | 1430 | 1430 | 1430 |
| Height at mudguards | mm | 1211 | 1211 | 1211 | 1211 |
| Height at instrument cluster | mm | 1387 | 1387 | 1387 | 1387 |
| Homologated weight | kg | 2450 | 2450 | 2450 | 2600 |
| Maximum load capacity | kg | 4200 | 4200 | 4200 | 4350 |

• STD


○OPT

- Not available

Area dealer

same-tractors.com

SAME tractors recommends the use of original lubricants and coolants.

SAME is a brand of  SDF

