



Virtus

120 | 130 | 140

**Unbeatable productivity,
day after day**



SAME

"The ideal tractor for taking the ne



The Virtus range consists of three solidly built models offering superior performance and bristling with advanced technology conceived specifically to maximise productivity and efficiency.

The new Virtus family of tractors combine the legendary reliability of the SAME brand with cutting edge technology to offer tractors that are perfectly suited for modern agriculture. With the modern FARMotion engine, which matches superlative performance with low fuel consumption, a highly energy efficient hydraulic system, outstanding in-cab comfort and an extensive choice of configurations and accessories, Virtus tractors are extremely versatile machines offering the perfect answer to any need, even the most specific. Equipping these tractors with the optional Agrosky automatic satellite guidance system takes productivity to a whole new level.



A powerful and generous but efficient ENGINE conceived specifically for agriculture. What more could you ask for?

Providing the driving force for the revised SAME Virtus range is a four cylinder FARMotion engine developed specifically for farming use which, with a combined SCR and EGR exhaust aftertreatment system, is already conformant with Stage IV emissions regulations. Turbo-intercooler forced induction with wastegate and fully electronic engine management keep fuel consumption at a minimum while ensuring optimised power and torque delivery for both open field and road transport usage. When activated, the all-new HEB (Hydraulic Engine Brake) function may be used to slow the vehicle effectively without overloading the brakes, for even greater safety on the road.



A wide choice of TRANSMISSION configurations to suit any need.

Conceived to minimise power losses, the transmission of the Virtus range consists of a 5 speed gearbox with three Powershift work ranges and an electrohydraulic reverse shuttle. In keeping with SAME traditions, both the Stop&Go and push-button ComfortClutch functions are also available. Up to 30 forward and reverse speeds in total. Adding a creeper gear doubles the number of available speeds and, most importantly, allows the tractor to work at a ground speed of just 134 m/h at maximum engine speed in both forward and reverse directions. The APS (Automatic Powershift) and SpeedMatching functions automatically select the most appropriate Powershift ratio for the ground speed.



Next big step in developing my farm"



A HYDRAULIC SYSTEM and PTO capable of working with even the most power-hungry implements.

A wide choice of hydraulic system configurations are offered for the SAME Virtus range, from an open centre system with a 90 l/min pump feeding mechanically controlled rear distributors with 6 to 8 ways, to a closed centre variant with 120 l/min load sensing pump for feeding both mechanically and electronically controlled rear distributors with up to 8/10 ways. The electronically controlled rear lift has a maximum lifting capacity of 5000 kg, which may be increased to 7000 kg with the addition of supplementary lift cylinders (standard on Virtus 140). All four standard PTO speed modes are available (540/540ECO/1000/1000ECO) as well as a ground speed PTO variant, while a front PTO is also offered, specifiable together with a 2,880 kg front lift.



BRAKE AND SUSPENSION SYSTEMS ensuring total safety at all times.

For total safety in all working conditions, SAME Virtus tractors are equipped as standard with an all-wheel braking system with wet multiple disc brakes on all four wheels and the HPB Hydraulic Park Brake. The Powerbrake system, offered as standard, minimises pedal effort while ensuring an immediate, potent and precisely controllable braking action. SAME Virtus tractors can already be equipped with a choice of different dedicated hydraulic and pneumatic trailer braking lines compliant with the latest safety directives. An electronically controlled front axle suspension system is also available as an option.



A CAB that makes you feel at home.

Simple primary controls, total all-round visibility and premium comfort are traditional traits in all SAME tractors, and have been taken to the next level in the Virtus family. Both the windows and screen and the hydraulic controls in the cab are highly customisable. Impeccable comfort is ensured by features such as the driver seat with air sprung suspension, optional mechanical or pneumatic suspension for the entire cab and the iMonitor, which displays and offers total control over all the functions and parameters of the machine.




ENGINE				
Emissions		Stage IV	Stage IV	Stage IV
Manufacturer		SDF	SDF	SDF
Series		FARMotion	FARMotion	FARMotion
Cylinders/Capacity	n°/cm³	4/3849	4/3849	4/3849
Turbo intercooler		●	●	●
Maximum power (ECE R120) at 2000 rpm	kW/hp	85/116	93/126	100/136
Rated power (ECE R120) at 2000 rpm	kW/hp	80.6/110	88,2/120	94,9/129
Max. torque at 1600 rpm	Nm	462	506	544
Electronic engine governor system		●	●	●
Fuel tank capacity	litres	185	185	185
AdBlue tank capacity	litres	12	12	12
SHUTTLE				
PowerShuttle hydraulic reverse shuttle		●	●	●
Stop&Go		●	●	●
POWERSHIFT GEARBOX				
5 speed gearbox		●	●	●
Number of speeds		30+30	30+30	30+30
Number of speeds with underdrive and supercreep gear		60+30	60+30	60+30
Number of Powershift gears		3	3	3
REAR PTO				
Electrohydraulically engaged		●	●	●
PTO 540/540ECO		●	●	●
PTO 540/540ECO/1000/1000ECO		○	○	○
Ground speed PTO		○	○	○
FRONT PTO				
PTO 1000		○	○	○
Electrohydraulically controlled		●	●	●
FRONT AND REAR AXLE				
Four wheel drive electrohydraulically engaged		●	●	●
Electrohydraulically engaged differential lock		●	●	●
Automatic 4WD and differential lock management (ASM)		-	●	●
Front axle suspension		○	○	○
BRAKES AND STEERING				
4-wheel braking		●	●	●
HPB parking brake		●	●	●
HEB hydraulic engine brake function		○	○	○
Pneumatic trailer braking		○	○	○
Hydraulic trailer braking		○	○	○
Hydrostatic steering with independent pump		●	●	●
SDD rapid steering system		○	○	○
LIFT				
Electronic rear hitch control		●	●	●
Rear hitch lift capacity	kg	5,000	5,000	-
Rear lift capacity with supplementary lift cylinders	kg	7,000	7,000	7,000
Front hitch		○	○	○
Front lift capacity	kg	2880	2880	2880
HYDRAULIC SYSTEM				
Pump output (std)	l/min	90	90	90
Pump delivery (opt)	l/min	120 LS	120 LS	120 LS
Mechanically controlled rear hydraulic distributors	No. of ways	6 / 8	6 / 8	6 / 8
Electronically controlled rear hydraulic distributors	No. of ways	8 / 10	8 / 10	8 / 10
Electronically controlled front hydraulic distributors	No. of ways	2	2	2
CAB				
5" colour digital display		●	●	●
Air conditioning (manual or automatic)		○	○	○
High visibility roof		○	○	○
FOPS protective structure		○	○	○
8" iMonitor		○	○	○
Isobus		○	○	○
Agrosky		○	○	○
Hydro Silent-Block suspension		●	●	●
Mechanical suspension		○	○	○
Air suspension		○	○	○
LED work lights		○	○	○
DIMENSIONS AND WEIGHTS				
Standard front tyres		480/65 R24"	420/70 R28"	480/65 R28"
Standard rear tyres		540/65 R34"	520/70 R38"	600/65 R38"
Max. length	mm	4428	4428	4428
Width	mm	2374	2,392	2423
Max. height at cab	mm	2775	2,850	2,850
Wheelbase	mm	2,540	2,550	2,550
Weight	kg	5,300	5,600	5,600
Maximum load capacity	kg	8,000	9000	9000

- STD
- OPT
- Not available

Area dealer

To find out more, visit same-tractors.com or talk to you dealer.

SAME is a brand of  SDF

