



"I want a tractor that reflects the force of nature. As well as its beauty."

"The land is both my work and my passion. And I want a tractor that helps me to cultivate it."

VIRTUS
100 | 110 | 120



Technical data and pictures are guideline only. Committed to delivering a product more and more in line with your needs, SAME reserves the right to update the specifications of its machines at any time without notice.

LOCAL DEALERSHIP

Engine	type			TCD 3.6 L 04 TIER 4i		
Cylinders / Displacement / Injection	n°/cc			4 T 1 / 3,620 / Common Rail		
Power @ rated speed (2,200 rpm)	kW / hp			85.5 / 116		
Maximum power (@ 2,000 rpm)	kW / hp			72.5 / 98.5		
Maximum torque (@ 1,600 rpm)	Nm			397		
Torque rise	%			32		
Shuttle				Powershuttle		
No. of speeds (5 gears x 2 (or 4) ranges)	FWD + REV			10 + 10 (20 + 20 with Underdrive and Creeper)		
				30 + 30 HML (60 + 60 HML with Underdrive and Creeper)		
Maximum speed	km/h			40 at ECO engine speed / 50		
Electrohydraulic 4WD/diff lock engagement				STD / ASM optional		
Front axle suspension				OPT		
Braking on all 4 wheels				STD / Power Brake optional		
Parking brake				Park Brake STD		
Trailer brake				Air / Hydraulic (or both)		
Electronic rear linkage	kg			STD – (4,650 or 6,600 kg)		
Pump capacity	l/min			60 (STD) / 60 ECO (OPT) / 90 (OPT)		
Remote valves	ways			6 / 8 / 10 / Power Beyond		
Remote valves control				Mechanical (STD) / Electrohydraulic (OPT)		
PTO (speeds) rpm				540 / 540 E / 1000 / 1000 E		
Ground speed PTO				OPT		
Front linkage and front PTO (lifting capacity - speed)				OPT (1,850 kg – 1,000 rpm)		
PTO engagement control				Electrohydraulic		
"Class E" cab with exclusive interior				STD		
Mechanical or pneumatic suspension				OPT		
Wheelbase	mm			2,430		
Width (min-max)	mm			2,165 – 2,470		
Weight	kg			4,150		
Height to top of cab (min-max)	mm			2,695 – 2,830		
Standard rear tyre				480/70 R34"		
Maximum permissible load	kg			7,500		

100

110

120

VIRTUS

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SAME VIRTUS

"I want technology that respects nature. Because the world means everything to me."

"At last, a tractor that gives 100%. Just like me."

A MODEL FOR AGRICULTURE.

Only those with solid roots can grow. And can help farmers to grow. For over 70 years SAME has worked alongside farmers, helping them realise their potential by producing versatile tractors capable of meeting the needs of arable and livestock farms as well as contractors. The Virtus represents the latest stage in the evolution of this project. These are tractors that offer a high level of reliability, quality and performance, supported by the powerful engine, the efficient transmission and the low operating costs. Tractors that have a long history of tradition behind them. Plus a wealth of experience in the field.

PUT US TO THE TEST.

The perfect configuration for all tasks. Adaptation is the very basis of evolution. And this is just as true in technology as it is in nature. And this is why the Virtus can be configured to suit the specific requirements of the user.

Thanks to a wide choice of optional equipment and accessories, livestock farmers can find in the Virtus all the tools they need to carry out their daily activities. The tier 4i engines, the energy saving hydraulic system and the 40 km/h Eco transmission all help to keep operating costs down.

Contractors can configure the Virtus for maximum productivity: a highly flexible engine, 60+60 Powershift transmission that ensures that the optimum working speed is always available, and, for the most demanding operators, the Agrosky satellite guidance system.

The Virtus also meets the needs of medium-large farms with maximum versatility and high productivity: electronic linkage control, 4-speed PTO and automatic control of front-wheel drive and differential lock engagement ensure speed, efficiency and operating comfort.

BEAUTIFUL BY DESIGN.

The distinctive styling of the Virtus is courtesy of Giorgio Giugiaro. The aggressive stance of the low-profile hood, the ultra modern cab with smooth flowing lines, rounded fenders fully integrated into the body and twin rear light clusters make the Virtus an elegant machine, right down to the last detail.

VIRTUS 100-110-120

ENGINES

The SAME Virtus tractors with 4-cylinder Deutz common rail engines offer performance, reliability and low running costs.

The rated power is obtained at 2,200 rpm, and power delivery increases in line with the load up to the maximum 99 hp (Virtus 100), 110 hp (Virtus 110) and 122 hp (Virtus 120) at 2,000 rpm.



"Just as I respond to the needs of the land, I want a tractor that responds to my needs."

TRANSMISSION

The new transmissions of the SAME Virtus give a choice of 4 different options, ranging from the mechanical 10 + 10 transmission (5 gears x 2 ranges) up to the HML 60 + 60 transmission with overspeed and proportional control (5 gears x 3 Powershift gears x 4 ranges) which enable the tractor to reach 40 km/h at economy engine speed, or 50 km/h where national speed limits allow.

All models and all versions are equipped as standard with a hydraulic Powershuttle with sensitivity control.

PTO

The full complement of PTOs is also worthy of a top class tractor. 4 rear PTO speeds (540 – 540 ECO – 1000 – 1000 ECO), ground speed PTO with independent output shaft and a 1000 rpm front PTO, make the SAME Virtus range a truly multi-purpose workhorse capable of tackling the widest range of applications.



HYDRAULICS

Another great strength of the Virtus lies in the choice of three different hydraulic systems: single 60 l/min pump, tandem 90 l/min pump, or the innovative "60-ECO" system with tandem pump which can provide a flow rate of 60 l/min at just 1,600 rpm. The maximum lifting capacity is 4,650 kg, but for users who need even greater lifting power, there is the option of auxiliary lifting rams (50 mm in diameter) which increase the lifting capacity to 6,600 kg.



THE 10 VIRTUES OF VIRTUS

- 1 3.6-liter, Tier4i, Turbo-Intercooler, 1,600 bar Common Rail engine
- 2 SAME T5,400 series transmission, 40 Km/h at economy engine speed, with 3-stage Automatic Powershift and "Speed Matching"
- 3 Powershuttle with "SenseClutch" and "Stop&Go" system
- 4 Front axle with hydraulic suspension

- 5 Fast steering system SDD ("Steering Double Displacement" reduced steering wheel turns)
- 6 "Power Brake" braking system and "Park Brake" system
- 7 Cab with a new ergonomic design, which can be customized with mechanical or air suspension
- 8 6,600 Kg Electronic hitch control
- 9 Hydraulic System 60 ECO (60 l/min at 1,600 rev/min) with electronic control
- 10 Hydraulic system "Energy Saving" electronically controlled up to 10 ways (5 distributors with independent electronic controls)

CAB

The new "Class E" cab of the SAME Virtus is a functional and comfortable working environment that bears the unmistakable signature of Giugiaro Design.

The new materials, the new colour scheme of the interior, the outstanding visibility and the rational positioning of all the controls makes this cab the new benchmark for the medium power tractor sector.

Simplicity of use, the "colour line" logic by which the controls are grouped according to their function and the high level of comfort allows the operator to feel perfectly at home in the SAME Virtus right from the start. A wide choice of options allows the user to configure the cab to his own personal needs. These options include (depending on the

model) a choice between mechanical or pneumatic cab suspension, different driver's seat suspension systems, a passenger seat, high-visibility roof, air conditioning or automatic climate control, 10 work lights with a WOLP (centralised control panel for all tractor lights), the new iMonitor 2.0 and the Agrosky satellite guidance system.



"The future of agriculture is now in my hands."



SAME