

VRTS

[STAGE V]

VIRTUS

115 | 125 | 135



[CODENAME]

VIRTUS



SAME

VIRTUS

		115	125	135	115 RVSHIFT	125 RVSHIFT	135 RVSHIFT
ENGINE							
Type		FARMotion 45	FARMotion 45 ULTRA		FARMotion 45	FARMotion 45 ULTRA	
Emission level		Stage V			Stage V		
Cylinders / Displacement	n°/cc	4 / 3.849			4 / 3.849		
Bore / Stroke	mm	103 x 115,5			103 x 115,5		
Aspiration		Turbo Intercooler	VTG Turbo Intercooler		Turbo Intercooler	VTG Turbo Intercooler	
Injection @ pressure	Type	Common Rail @ 2.000			Common Rail @ 2.000		
Rated power	kW / Hp	81,2 / 110	88,2 / 120	94,6 / 129	84,7 / 115	90,1 / 123	95,6 / 130
Max. power	kW / Hp	85,6 / 116	93 / 126	99,8 / 136	89,3 / 121	95 / 129	100,8 / 137
Max. power with BOOST	kW / Hp	93 / 126	100 / 136	105 / 143	93 / 126	100 / 136	105 / 143
Max. torque / Max. torque with BOOST	Nm	463 / 482	505 / 524	536 / 550	496 / 517	535 / 549	564 / 576
Torque rise	%	26	27	27	35	33	33
VISCO cooling fan		▲			▲		
e-VISCO cooling fan		-	○		○		
Fuel tank / AdBlue	l	160 / 12			160 / 12		
EAT	System	DOC + DPF + SCR			DOC + DPF + SCR		
TRANSMISSION							
SDF transmission		SDF T5350	SDF T5441		SDF T5441 RVS		
PowerShuttle with 5 different setting		▲			▲		
POWERSHIFT							
Gearbox	n°	5 gears x 2 or 3 Powershift steps			-		
N° of speed with 2 Powershift step	n°	20 + 20	-		-		
N° of speed with 2 Powershift step and Creeper		40 + 40	-		-		
N° of speed with 3 Powershift step	n°	30 + 30			-		
N° of speed with 3 Powershift step and Creeper		60 + 60			-		
Stop&Go		▲			-		
Automatic powershift (APS)		○	▲		-		
Max. speed	Km/h	40 ECO			-		
RVSHIFT							
Gearbox		-			RVSHIFT		
N° of speed	n°	-			20 + 16		
Creeper		-			○		
Cruise control		-			▲		
Stop&Go with advanced functionality		-			▲		
Automatic powershift (APS)		-			▲		
Max. speed	Km/h	-			40 ECO / 50 ECO		
PTO							
Electrohydraulic engagement			▲			▲	
540/1000		▲	○		-		
540/540ECO/1000/1000ECO		○	▲		-		
540/540ECO/1000		-			▲		
Rear AUTO PTO function		▲			▲		
Groundspeed PTO with independent shaft		○			○		
Front PTO 1000		○			○		
LIFT							
Electronic rear lift		▲			▲		
Rear lifting capacity (STD)	Kg	5400	5000		5000		
Rear lifting capacity (OPT)	Kg	-	7000		7000		
Rear lift category	Cat.	II	II / IIIN		II / IIIN		
Front lift		○			○		
Front lift capacity	Kg	3.000			3.000		
HYDRAULIC							
Pump flow (STD)	l/min	55	90		90		
Pump flow (OPT)	l/min	90	120 LS		120 LS		
Rear spool valves	n°	3 / 4	3 / 4 / +1 diverter		3 / 4 / 5 / +1 diverter		
Power Beyond		-	○		○		
Front spool valve	n°	-	1		1		
Spool valves controls	Type	Mechanical			Mechanical + Electronic		
BRAKES							
4 wheel braking		▲			▲		
Mechanical parking brake		▲			-		
Hydraulic Parking Brake (HPB)		-			▲		
Hydraulic trailer brake		○			○		
Pneumatic trailer brake		○			○		
ABS socket		○			○		
Hydraulic Engine Brake (HEB)		-	○		○		

- ▲ STD
- OPT
- Not available

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FRONT AXLE							
Front axle	Size		2			2	
Front axle suspension			○			○	
Steering angle	°		55			55	
Independent steering pump			▲			▲	
Steering Double Displacement (SDD)			○			○	
ASM system		-	○			○	
Electrohydraulic 4WD engagement			▲			▲	
Electrohydraulic Diff Lock engagement			▲			▲	
CAB							
4 pillar cab		TopVision	TopVision+		TopVision ^{Pro}		
High visibility roof			○			○	
Hydro Silent-Block suspension			▲			▲	
Mechanical cab suspension		-	○			○	
Openable front window			○			○	
Rear window with defrost		-	○			○	
Telescopic and heated rear mirrors		-	○			○	
Manual A/C			○			○	
Mechanical suspended seat			▲			▲	
Pneumatic suspended seat			○			○	
Passenger seat			○			○	
Additional functionalities			-			○ (jolly buttons and thumbwheel)	
External controls for PTO and lift			○			○	
iMonitor3 - Touchscreen 8"		-	○			○	
LED working lights			○			○	
Bracket for external monitor / device			○			○	
DAB+ radio with Bluetooth			○			○	
USB sockets			▲			▲	
Cooling box		-	○			○	
DIMENSION							
With rear tyre	Size	480/70 R34"	480/70 R34"		480/70 R34"		
Wheelbase	Mm	2480	2480		2510		
Max. length	Mm	4425	4500		4530		
Centre rear axle - cab	Mm	1985	2035		2035		
Total height	Mm	2735	2785		2785		
Width	Mm	2209	2209		2209		
Weight	Kg	4600	5000		5500		
Front admissible load	Kg	3000	3200		3200		
Rear admissible load	Kg	5000	5000		5500		
Total admissible load	Kg	7500	8000		8500		

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NEW TRANSMISSION

- New RVSHIFT transmission with 20+16 Powershift speeds
- Powershift transmission up to 60+60 with 3 Powershift stages
- Front axle suspension and ASM management

NEW ENGINE

- FARMotion 45 ULTRA engine
- Max. power with boost up to 143 Hp
- High value of power/torque even at low engine rpm

NEW TOPVISION CAB

- Mechanical cab suspension
- Ergonomic layout of all controls
- All-round visibility

NEW HYDRAULIC SYSTEM

- Up to 120 l/min with Load Sensing circuit
- Mixed spool valve configuration (mechanical + electronic)
- Up to 10 rear outlets, Power Beyond, 2 front outlets

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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