



Solaris

35 45 55

Solaris

- MITSUBISHI EURO II, LIQUID COOLED ENGINES
- UNDER-HOOD SILENCER WITH SIDE EXHAUST
- HYDROSTATIC STEERING WITH INDEPENDENT HYDRAULIC SYSTEM
- HIGH STEERING ANGLE OF 57° FOR A MINIMUM TURNING CIRCLE OF ONLY 2600 MM
- INDEPENDENT HYDRAULIC SYSTEM FOR LIFT AND 6 WAY HYDRAULIC CONTROL VALVES, WITH 30 L/MIN. PUMP
- ELECTRO-HYDRAULICALLY OPERATED FRONT AND REAR DIFF-LOCKS

SAME
TRADITIONALLY INNOVATIVE

TECHNICAL DATA

SOLARIS 35

SOLARIS 45

SOLARIS 55

Version	SOLARIS 35		SOLARIS 45		SOLARIS 55	
	2WD	4WD	2WD	4WD	2WD	4WD
ENGINE	MITSUBISHI EURO II		MITSUBISHI EURO II		MITSUBISHI EURO II	
Cylinders/Displacement	no/cm³	4/1500	4/1500	4/1500	4/1758	4/1758
Aspiration		Natural	Turbo	Turbo	Turbo	Turbo
Max. homologated power (2000/25/CE)	HP/kW	39/28,5	43/31,5	43/31,5	51/37	51/37
Max. homologated power (ECE R24.03)	HP/kW	35/26	41/30	41/30	47/34,5	47/34,5
Nominal engine speed	rpm	3000	3000	3000	3000	3000
Max. torque	Nm	83	100	100	122	122
Max. torque engine speed	rpm	1900	2100	2100	2000	2000
Cooling			liquid	liquid	liquid	liquid
Engine control			mechanical	mechanical	mechanical	mechanical
Air cleaner			dry with safety cartridge			
Silencer underhood			with lateral exhaust	with lateral exhaust	with lateral exhaust	with lateral exhaust
Fuel tank capacity	litres		38 (main fuel tank)			
Engine hood			15 (auxiliary fuel tank)			
			single piece, hinged opening			
DIMENSIONS AND WEIGHTS (with rear tyres)		320/70 R 20	360/70 R 24	360/70 R 24	360/70 R 24	360/70 R 24
Max. length without link arms	mm	2950	2980	2980	2980	2980
Width min.- max.	mm	1220*-1360	1360-1675	1360-1675	1360-1675	1360-1675
Max. height at safety frame	mm	1955	2020	2020	2020	2020
Ground clearance	mm	345	390	390	390	390
Wheelbase	mm	1745	1745	1745	1745	1745
Front track min.- max.	mm	970-1120	1040-1315	1040-1315	1040-1315	1040-1315
Rear track min.- max.	mm	820-1020	1005-1320	1005-1320	1005-1320	1005-1320
Minimum steering radius without braking	mm	2600	2600	2600	2600	2600
Weight with safety frame	kg	1250	1320	1320	1320	1320

TRANSMISSION	
Gearbox clutch	mechanically operated
Mechanical gearbox, 4 synchronised gears, 3 gear ranges (min. speed: 0,89 km/h)	12 FWD + 12 REV
Mechanical gearbox, 4 synchronised gears, 4 gear ranges with creeper (min. speed: 0,24 km/h)	16 FWD + 16 REV
Max. speed	km/h 30
Shuttle	mechanical, synchronised
Rear differential lock	electro-hydraulically operated
REAR P.T.O.	
Clutch	mechanically operated
Speed	rpm 540-1000 rpm 540-540 ECON synchronised P.T.O.
VENTRAL P.T.O.	
Clutch	mechanically operated
Speed	rpm 1000-2000
FRONT P.T.O.	
Clutch	multiple discs in oil bath
Speed	rpm 1000
Operation	electro-hydraulically operated, push-button control
BRAKES AND STEERING	
Braking system	mechanically operated rear discs in oil bath
Hydrostatic steering	with independent pump
Steering angle	57°

FRONT AXLE	
Type	portal
Drive engagement	mechanically operated
Front differential lock	electro-hydraulically operated
Front ballast	(4) 25 kg weights, 15 kg weights
HYDRAULIC LIFT	
Rear power lift	mechanical
Implement control	position and draft control
Maximum lifting capacity	kg 1200
Pump delivery	l/min. 30
Auxiliary hydraulic control valves	no. ways 4/6
Front lift	original integrated maximum lifting capacity 400 kg.
DRIVING POSITION	
Platform	suspended on silent-block
Safety frame	folding
Gear levers	under steering wheel
Lift control levers	on console to the right of the driving position
Driver's seat	complete with safety belt

16 FWD + 16 REV GEARBOX - SPEED IN KM/H AT ENGINE SPEED OF 3000 RPM WITH 360/70 R 24 REAR TYRES															
1 SR	2 SR	3 SR	4 SR	1L	2L	3L	1M	4 L	2M	3M	4M	1H	2H	3H	4H
0,24	0,37	0,56	0,84	0,91	1,34	2,08	2,29	3,14	3,47	5,26	7,92	9,26	14,06	21,27	32,05

The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.

*=AVAILABLE IN A NARROW AXLE VERSION WITH 280/70 R 18 REAR TYRES MINIMUM WIDTH: 1165 MM
PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS.

DEALER CONTACT

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TRADITIONALLY INNOVATIVE



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SAME DEUTZ-FAHR GROUP S.p.A. _ Viale Cassani, 14 _ 24047 _ Treviso (BG) _ Italy _ Ph: +39 0363 4211 _ www.samedeutz-fahr.com

SAME DEUTZ-FAHR U.K. LTD. _ Barby Lane, Barby, Nr Rugby _ CV23 8TD _ WARWICKSHIRE _ UK _ www.same-tractors.com