



Solaris

35_45_55

Solaris

- MITSUBISHI EURO III, 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

TECHNICAL DATA		SOLARIS 35		SOLARIS 45		SOLARIS 55	
	Version	2WD	4WD	2WD	4WD	2WD	4WD
ENGINE		MITSUBISHI EURO III		MITSUBISHI EURO III		MITSUBISHI EURO III	
Cylinders/Displacement	no./cm³	4/1500		4/1500		4/1758	
Aspiration		Natural		Turbo		Turbo	
Max. homologated power (2000/25/CE)	HP/kW	39/28,5		43/31,5		51/37	
Max. homologated power (ECE R24.03)	HP/kW	35/26		41/30		47/34,5	
Nominal engine speed	rpm	3000		3000		3000	
Max. torque	Nm	83		100		122	
Max. torque engine speed	rpm	1900		2100		2000	
Cooling		liquid					
Engine control		mechanical					
Air cleaner		dry with safety cartridge					
Silencer underhood		with lateral exhaust					
Fuel tank capacity	litres	38 (main fuel tank) 15 (auxiliary fuel tank)					
Engine hood		single piece, hinged opening					
DIMENSIONS AND WEIGHTS (with rear tyres)		320/70 R 20		360/70 R 24		360/70 R 24	
Max. length without link arms	mm	2950		2980		2980	
Width min.- max.	mm	1220*-1360		1360-1675		1360-1675	
Max. height at safety frame	mm	1955		2020		2020	
Ground clearance	mm	345		390		390	
Wheelbase	mm	1745		1745		1745	
Front track min.- max.	mm	970-1120		1040-1315		1040-1315	
Rear track min.- max.	mm	820-1020		1005-1320		1005-1320	
Minimum steering radius without braking	mm	2600		2600		2600	
Weight with safety frame	kg	1250		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
	rpm 540-1000
Speed	rpm 540-540 ECON
	synchronised P.T.O.
VENTRAL P.T.O.	
Clutch	mechanically operated
Speed	rpm 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
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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