

SOLARIS 30-40-50



MITSUBISHI EURO II ENGINES WITH LIQUID COOLING

UNDERHOOD SILENCER WITH LATERAL EXHAUST

**HYDROSTATIC STEERING WITH INDEPENDENT
HYDRAULIC SYSTEM**

TIGHT 57° STEERING ANGLE

**HYDRAULIC SYSTEM WITH 30 L/MIN. PUMP AND
4 WAY AUXILIARY HYDRAULIC CONTROL VALVES**

**ELECTRO-HYDRAULICALLY OPERATED FRONT
DIFFERENTIAL LOCKING**

www.same-tractors.com



Rely on us.

I.P. By the Marketing and Advertising Department - Cod. 308.8128.3.1 - 11/2003 Technical data and illustrations are approximations only. SAME, in its efforts to supply the product that you require, reserves the right to update this information at any time without notice.

TECHNICAL SPECIFICATIONS

SOLARIS 30

SOLARIS 40

SOLARIS 50

Version		4WD	4WD	4WD
ENGINE		MITSUBISHI EURO II	MITSUBISHI EURO II	MITSUBISHI EURO II
Cylinders/Displacement	N°/cm³	4/1500	4/1500	4/1758
Aspiration		Natural	Turbo	Turbo
Max. homologated power (ECE R24.03)	HP/KW	35/26	41/30	47/34,5
Max. homologated power (2000/25/CE)	HP/KW	39/28,5	43/31,5	50/37
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		
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: 0,77 Km/h)		12 FWD + 12 REV
Max. speed	Km/h	30
Shuttle		mechanical, synchronised
Rear differential lock		mechanical

Rear P.T.O.

Clutch		mechanically operated
Speed	rpm	540/1000 Synchronised P.T.O.

Central P.T.O.

Clutch		mechanically operated
Speed	rpm	1000/2000

Front P.T.O.

Clutch		fully independent, electro-hydraulically operated
Speed	rpm	1000

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		three 20 Kg weights, screw mounted each

HYDRAULIC LIFT

Rear lift		mechanical
Implement control		depth and draft control
Maximum lifting capacity	Kg	1200
Pump delivery	l/min.	30
Auxiliary hydraulic control valves	ways	4
Front lift		maximum lifting capacity 400 Kg 2 front hydraulic couplers

DRIVING POSITION

Platform		silent-block mounted
Gear levers		under steering wheel
Lift control levers		on console to the right of the driving position
Driver's seat		complete with safety belt
Safety frame		folding

* Available in a narrow axle version with 280/70 R 18 rear tyres.
Minimum width: 1165 mm

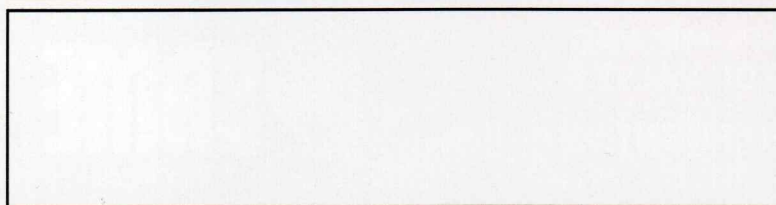
12 FWD + 12 REV GEARBOX - SPEED IN KM/H AT AN ENGINE SPEED OF 3000 RPM WITH 360/70 R 24 REAR TYRES

1 L	2 L	3 L	1 M	4 L	2 M	3 M	4 M	1 F	2 F	3 F	4 F
0,89	1,35	2,05	2,25	3,08	3,41	5,16	7,78	9,09	13,8	20,88	31,47

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.

PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS.

Akros SPECIALISED LUBRICATION FOR SAME



SAME Tractors - v.le Cassani, 15 - 24047 Treviso (BG) Italy
tel. +39 0363 4211 - www.same-tractors.com