



Solis 40 Solis 50

Power through your day.

The Solis 40 and 50 have superior pulling power with a durable engines, tough gear transmissions – and, they're real heavyweights. YANMAR Solis 40 is available in 2WD, or choose the Solis 50 available in 2WD and 4WD. Simple to operate, easy to maintain and backed by the YANMAR dealer network. It's packed with features to tackle your day with time to spare. Solis is distributed exclusively by Yanmar America in the United States.

A Solis self-leveling front end loader is designed and built to match the power and weight of the Solis 40 and 50. Their features include standard equipment skid steer quick attach for buckets, pallet forks, hay forks, and other skid steer options.

- SELF-LEVELING
LOADER STANDARD
- DIFFERENTIAL LOCK
- DUAL REAR REMOTES
- SWING DRAWBAR
- DRAFT CONTROL
- 8F X 2R TRANSMISSION
- POSITION CONTROL 3 POINT
- LOADER MOUNTED JOYSTICK



TOUGH RUGGED VALUE



Solis 40/50



	SOLIS 40 2WD	SOLIS 50 2WD	SOLIS 50 4WD
ENGINE			
Engine Model	3100 FLI, INLINE FIP WITH COLDSTART	3102 EL, INLINE FIP WITH COLDSTART	3102 EL, INLINE FIP WITH COLDSTART
HP Category	40 HP	50 HP	50 HP
No. of Cylinders	3	3	3
Aspiration	NATURAL	NATURAL	NATURAL
Cubic Capacity (ci)	169.64	176.54	176.54
Rated RPM (+/-25mm)	2000±25	2100±25	2100±25
TRANSMISSION			
Drive	2WD	2WD	4WD
Clutch	Dual	Dual	Dual
Gearbox	8F+2R	8F+2R	8F+2R
Transmission type	Mechanical, Constant Mesh	Mechanical, Constant Mesh	Mechanical, Constant Mesh
BRAKES			
Type	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes
Type of actuation	Mechanical, Foot operated	Mechanical, Foot operated	Mechanical, Foot operated
DIFFERENTIAL LOCK	Standard	Standard	Standard
PTO			
PTO HP	32.96	40.92	40.92
PTO (RPM)	540@1680	540@1680	540@1680
PTO (actuation)	Mechanical, Hand Operated	Mechanical, Hand Operated	Mechanical, Hand Operated
STEERING	Power Steering	Power Steering	Power Steering
HYDRAULICS			
3 point linkage	CAT-II	CAT-II	CAT-II
3 point lift capacity @ ball ends (Lbs)	3,527	3,527	3,527
Auxiliary hydraulic circuit	2DA	2DA	2DA
Implement hydraulic flow (GPM)	5.8	5.8	5.8
Steering hydraulic flow (GPM)	4.17	4.17	4.17

	SOLIS 40 2WD	SOLIS 50 2WD	SOLIS 50 4WD
CAPACITY			
Fuel tank (Gal)	17	17	17
TIRE			
AG - Front	6x16	6x16	9.5x20
AG - Rear	12.4X28	13.6x28	13.6x28
DIMENSION & WEIGHTS			
Weight (Lbs)	5,390	5,225	6,045
Wheel Base (In)	77.9	77.9	86.6
Total Length (In)	150.4	149.4	150.4
Total Width (In)	71.3	71.3	71.3
Height (In) Up to ROPS	97.3 - Up to ROPS	97.3 - Up to ROPS	97.3 - Up to ROPS
LOADER SPECIFICATIONS			
Model	5500	5500	5500
Maximum Lift Height (In)	111.41	111.41	107.87
Clearance with Attachment Dumped (In)	84.05	84.05	81.9
Maximum Dump Angle (DEG)	88	88	47
Attachment Rollback Angle (DEG)	70	70	30
Digging Depth Below Grade (In)	3.03	3.03	3.74
Bucket Width (In)	59.44	59.44	66
Lift Capacity to Full Height @ Pivot Pins (Lbs)	2,425	2,425	2,700
Weight (Lbs)	1538.8	1538.8	1521.2

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