

# Solis

**THE TOUGHEST  
PERFORMER  
FOR YOUR FIELD**

## Solis 50



BALANCED LOW  
VIBRATION ENGINE

STYLISH, BOLD &  
MODERN DESIGN

EASY FRONT END  
LOADER ATTACHMENT

HEAVY DUTY  
4WD

SKID RESISTANT & QUICK  
STEER ATTACHED BUCKET



**3 YEARS**  
WARRANTY  
(2000 HOURS)

**COST**  
EFFICIENT  
MECHANICAL TRACTORS

REINFORCED  
**STEEL**  
BUILT

STRATEGIC  
COLLABORATION WITH  
**YANMAR**

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FEATURES	SOLIS 50
Model Description	SOLIS-50
<b>ENGINE</b>	
Engine Type	Three Cylinder Natural Aspirated Engine
HP Category	50
No. of Cylinders	3
Aspiration	Natural
Cubic Capacity (cc)	2893
Rated RPM (+/-25mm)	2100
Air cleaner	Dry Air Cleaner with Clogging sensor
Cold Start	Yes
Max Torque (Nm)	190@1200
Exhaust	Underhood Downdraft silencer Underhood Upward
<b>TRANSMISSION</b>	
Drive	2WD/4WD
Clutch	Double Clutch
Gearbox	8F+2R
Front Axle	2DW/4WD
Transmission	Constant Mesh
<b>SPEED (FORWARD)</b>	
Maximum Speed (Km/Hr)	29.95@2100
Minimum Speed (Km/Hr)	2.62@2100
<b>BRAKES</b>	
Brakes	Oil Immeresed Brake
Type of actuation	Mechanical
Parking Brake	Indipendant Type
<b>DIFFERENTIAL LOCK</b>	
Differential lock	Yes, Foot Operated
<b>PTO</b>	
PTO (rpm)	540
PTO (actuation)	Mechanical
<b>STEERING</b>	
Steering	Power
<b>ELECTRICAL</b>	
Battery	12V,88 AH
Alternator	12V,36 Ah
Seven pin trailer socket	Yes
<b>HYDRAULICS</b>	
3 point linkage	CAT-II
Stay Bars	Adjustable
Hydraulic lifting capacity	1600 kg
Auxiliary hydraulic circuit	2DA
Lift rods	Yes

FEATURES	SOLIS 50
<b>SAFETY SWITCH</b>	
Clutch Safety Switch	No
PTO Safety Switch	No
Neutral Safety Switch	Yes
<b>CAPACITY (LTRS)(+/-5%)</b>	
Fuel tank (Lit)	55
<b>TURNING RADIUS</b>	
Without Brakes (m)	7.53
<b>TYRE</b>	
Front	76-16 -2WD, 9.5-20-4WD
Rear	13.6-28
<b>DIMENSION &amp; WEIGHT(+/-5%)</b>	
Weight(kg)	2213-2WD, 2841-4WD
Wheel Base (mm)	1970-2WD, 2220-4WD
Total Length (mm)	3630-2WD, 3730-4WD
Total Width (mm)	1710-2WD, 1770-4WD
Height (mm) Up to ROPS	2410-2WD, 2540-4WD
Min Ground Clearance (mm)	397-2WD, 310-4WD
Front Track (mm)	1290 -1505-2WD, 1570-4WD
Rear Track (mm)	1350 -1430-2WD, 1420-4WD
<b>OTHERS</b>	
Fuel Indicator gauge	Yes
Front Toe Hook	Yes, inbuilt in front weight
Front & rear weights with std. Ballast	Base Weight 72Kg+Front 6X31 Kg and Rear 1X34 Kg with each wheel.
Trailer Hitch	Swinging Drawbar
ROPS	Yes
FOPS	Optional
<b>OPTIONAL FEATURES</b>	
Tyres	Radial Tyres 2WD: Front 6*16 Rear 340/85R28, 4WD: Front 250/85R20 Rear 340/85R28
Cabin	Add on-Heater
Front Mudguard	No
Trailer Brake	HTB/ATB

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