



90

Solis



MORE POWER **MORE SAVING**

	STANDARD FEATURES	SOLIS-90 (2WD/4WD)
Engine	Engine Type HP Category No. of Cylinders Aspiration Bore/Stroke(mm) Cubic Capacity (cc) Rated RPM (+/-25mm) Air cleaner Max Torque (Nm) @ RPM	4105 ELT with coldstart 90 4 Turbo Charged & Intercooler 105/118 4087 2000(+/-25) Dry Air Cleaner with Clogging Sensor. 360(+/-5%) @ 1300 (+/-100)
Transmission	Drive Clutch Gearbox Transmission	2wd/4wd Double Clutch 12F+12R Synchromesh
PTO	PTO (rpm) PTO (actuation)	540 & 540 E with independent PTO Clutch Mechanical
Diff Lock	Diff. Lock(mechanical)	Yes, Foot operated
Electrical	Battery Alternator Seven pin trailer socket	12V,110AH 12V, 90A @ 6000 RPM Yes
Steering	Steering	Power Steering
Tyre	Front Front Rear	9X16/12.4X24 18.4X30
Speed (Forward)	Min Speed(km/h) Max speed(km/h) Driver seat	1.47(Forward) 1.25 (Reverse) @2000 rpm 33.7@2200 rpm E-marked
Hydraulics	Position Control Automatic Draft Control 3 point linkage Lifting Capacity Auxiliary Hydraulic Circuit No. of Spool Valves	To hold Lower links at any desired height Maintain uniform draft CAT2 2500 kg 2DA/2SA 4
Brakes	Brakes Type of actuation Hand brake	Oil Immersed Brake Mechanical Yes, Independent (Hand Operated)
Others	Fuel Indicator gauge Registration Plate with light Front Toe Hook Front & Rear weights Drawbar ROPS	Yes Yes, with E-marked light Yes Front 72 kg base weight + 8X31 kg removable weights and Rear 1X34 kg at each wheel Swinging draw bar (E-marked) Yes
Safety Switch	Neutral safety switch P.T.O Safety switch Clutch Safety Switch	Yes Yes Yes
Capacity (ltrs)(+/-5%) approx	Fuel tank Eng Oil Hyd+Tran	78 10.9 35
Dimension & Weight(+/-5%)	Gross Weight(kg) Wheel Base (mm) Total Length (mm) Total Width (mm) Height (mm) Ground Clearance (mm) min Front Track, (mm), min.-max. Rear Track, (mm), min.-max	2760 (Unladen) / 3177 (Unladen) 2260 / 2345 4160 1980 2545 (upto ROPs) 415 (between the axles) 1398 - 1748 / 1525 - 1940 1445 - 1845
Turning Circle in (m)	Without Brakes	9.21 left, 9.17 right / 9.58 left, 9.66 right
Optional		1. Hydraulic Trailer Brake 2. Pneumatic Trailer Brake (Single Circuit) 3. Radial Tire (Rear 460 / 85 R30) / Radial Tire (320/85 R24 & Rear 460/85 R30) 4. A.C Cabin 5. Heater Cabin 6. Liftomatic

SPECIFICATIONS



EFFORTLESS BONNET OPENING
(Bonnet lock for battery safety)



RADIATOR OVERFLOW RESERVOIR
(No need to fill coolant again & again)



DRY TYPE AIR CLEANER WITH CLOGGING SENSOR



INSTRUMENT CLUSTER WITH BACKLIT
(Easy to see at night)



SYNCHROMESH GEAR BOX WITH SIDE SHIFT GEAR LEVERS
(Easy gear shifting, more leg space)



OIL IMMERSED BRAKES
(Low maintenance, longer life)



POWER STEERING
(For easy operation & operator comfort)

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