

SOLIS

— THE TOUGHEST —
PERFORMER
« FOR YOUR FIELD »

90



4 CYLINDER
TURBOCHARGED ENGINE

12F+12R SYNCHROMESH
TRANSMISSION

HEAVY LIFT
CAPACITY

PARALLELOGRAM
LOADER OPTION

INTEGRATED SAFETY
HVAC CABIN (OPTIONAL)



**COST
EFFICIENT**

MECHANICAL TRACTORS

MADE OF

**REAL
STEEL**

**STRATEGIC
COLLABORATION
WITH**

YANMAR



S90

Solis



FEATURES	S 90 (12+12)
ENGINE	
Engine Type	4 Cylinder Turbocharged
HP Category	90
Emission	Stage 2 / Stage 3
No. of Cylinders	4
Aspiration	Turbocharged
Cubic Capacity (cc)	4087
Rated RPM	2200/2000
Air Cleaner	Dry Type
Max Torque (Nm)	339@1300 360@1300
Exhaust	Updraft / Downdraft (Optional)
Muffler	Under-hood
TRANSMISSION	
Drive	4WD
Clutch	Double Clutch
Gearbox	12F+12R
Front Axle	4WD
Transmission	Synchromesh Shuttle Transmission
SPEED (FORWARD)	
Maximum Speed (Km/Hr)	35.73 @ 2200
Minimum Speed (Km/Hr)	1.69 @ 2200
BRAKES	
Brakes	Oil Immersed Brake
Type of Actuation	Mechanical
Parking Brake	Mechanical, Hand Operated
DIFFERENTIAL LOCK	
Differential Lock	Standard
PTO	
PTO (RPM)	540/540E & 540/1000 (Optional)
PTO (Actuation)	Mechanical
STEERING	
Steering	Power
ELECTRICAL	
Battery	12V, 110 Ah
Alternator	12V, 36 Amp (90Amp)
Seven Pin Trailer Socket	Output 12V
HYDRAULICS	
3 Point Linkage	CAT-II
Stay Bars	Adjustable
Hydraulic Lifting Capacity (Kg)	2500 3000 (Optional)
Auxiliary Hydraulic Circuit	2DA/2SA
SAFETY SWITCH	
PTO Safety Switch	Standard
Neutral Safety Switch	Standard

FEATURES	S 90 (12+12)
CAPACITY (Ltrs.) (+/-5%)	
Fuel Tank (Ltr.)	65 (ROPS)
TURNING RADIUS	
Without Brakes (m)	4.79
TYRE	
Front	12.4 - 24
Rear	18.4 - 30
DIMENSION & WEIGHT (+/-5%)	
Weight (Kg)	3310
Wheel Base (mm)	2340
Total Length (mm)	4270
Total Width (mm)	1975-2375
Height (mm) Up to ROPS	2730
Min. Ground Clearance (mm)	400
Front Track (mm)	1490-1850
Rear Track (mm)	1505-1905
OTHERS	
Fuel Indicator Gauge	Standard
Front Tow Hook	Standard, Inbuilt in Front Weights
Front Weights with Std. Ballast	Front - 30*2+25*4 Rear - 34*1
Trailer Hitch	Swinging Draw Bar with Rotating Tow Hook
Roll Over Protection	Standard
OPTIONAL FEATURES	
Cabin	Optional
Front Mudguarg	Optional
Platform	ITAT Plus (Flat Floor)
Optional Tyre Size	1) Front Tyre: 12.4x24 Rear Tyre: 18.4x30 (R-2) 2) Front Tyre: 320/85R24 Rear Tyre: 460/85R30 3) Front Tyre: 12.4x24 Rear Tyre: 13.6x38 4) Front Tyre: 9x16 Rear Tyre: 18.4x30 5) Front Tyre: 9x16 Rear Tyre: 13.6x38 6) Front Tyre: 13.6x24 Rear Tyre: 16.9x34 7) Front Tyre: 12.4x24 Rear Tyre: 340 / 85 R38
Front and Rear Weights	Front 25x2 Rear Weights: 2x34 Kg on Each Wheel
Carraro Transmission	Creeper Transmission (in Carraro Transmission)

*Data and specifications are subject to change without any advance notice due to continuous product improvement and development. All Dimensions are with standard tyres.

DEALER STAMP

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