

# solis

— THE TOUGHEST —  
**PERFORMER**  
« FOR YOUR FIELD »

**N90**



ORCHARD/VINEYARD  
FARMING SPECIALIST

4 CYLINDER TURBO  
CHARGED ENGINE

HEAVY LIFT  
CAPACITY

SYNCHROMESH SHUTTLE  
TRANSMISSION WITH  
CREEPER

HVAC CABIN  
(OPTIONAL)



**COST  
EFFICIENT**  
MECHANICAL TRACTORS

MADE OF  
**REAL  
STEEL**

**STRATEGIC  
COLLABORATION  
WITH  
YANMAR**



N90

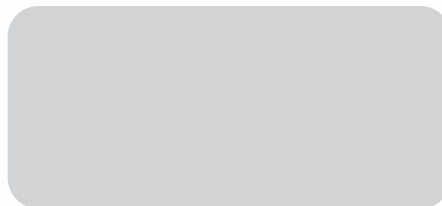
Solis



| FEATURES                                                                                              | N90                                              |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| ENGINE               |                                                  |
| Engine Type                                                                                           | 4 Cylinder Turbocharged Engine                   |
| Emmission                                                                                             | Stage 3A / Stage 2                               |
| HP Category                                                                                           | 90                                               |
| No. of Cylinders                                                                                      | 4                                                |
| Aspiration                                                                                            | Turbocharged                                     |
| Cubic Capacity (cc)                                                                                   | 4087                                             |
| Rated RPM                                                                                             | 2000/2200                                        |
| Air Cleaner                                                                                           | Dry Air Cleaner with Clogging Sensor             |
| Max Torque (Nm)                                                                                       | 360@1300 ( Stage 3A)                             |
| Exhaust                                                                                               | Underhood Downdraft<br>Towards the Floor         |
| TRANSMISSION       |                                                  |
| Clutch                                                                                                | Double Clutch                                    |
| Gearbox                                                                                               | 12F+12R                                          |
| Front Axle                                                                                            | 4WD                                              |
| Transmission                                                                                          | Synchromesh Shuttle Transmission<br>with Creeper |
| SPEED (FORWARD)    |                                                  |
| Maximum Speed (Km/Hr)                                                                                 | 28.27@2000                                       |
| Minimum Speed (Km/Hr)                                                                                 | 0.46@2000                                        |
| BRAKES             |                                                  |
| Brakes                                                                                                | Oil Immeresed Brake                              |
| Type of Actuation                                                                                     | Mechanical                                       |
| Parking Brake                                                                                         | Independent Type                                 |
| DIFFERENTIAL LOCK  |                                                  |
| Differential Lock                                                                                     | Yes, Foot Operated                               |
| PTO                |                                                  |
| PTO (RPM)                                                                                             | 540/540E                                         |
| PTO (Actuation)                                                                                       | Mechanical                                       |
| STEERING           |                                                  |
| Steering                                                                                              | Power                                            |
| ELECTRICAL         |                                                  |
| Battery                                                                                               | 12V, 85Ah                                        |
| Alternator                                                                                            | 12V, 90Amp                                       |
| Seven Pin Trailer Socket                                                                              | Standard                                         |
| HYDRAULICS         |                                                  |
| 3 Point Linkage                                                                                       | CAT-II                                           |
| Stay Bars                                                                                             | Standard                                         |
| Hydraulic Lifting Capacity (Kg)                                                                       | 2500                                             |
| Auxiliary Hydraulic Circuit                                                                           | 2DA/2SA/3DA (Optional)                           |

| FEATURES                                                                                                          | N90                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SAFETY SWITCH                  |                                                                                                                                                                                                                                                                                                                       |
| Clutch Safety Switch                                                                                              | Standard                                                                                                                                                                                                                                                                                                              |
| PTO Safety Switch                                                                                                 | Standard                                                                                                                                                                                                                                                                                                              |
| Neutral Safety Switch                                                                                             | Standard                                                                                                                                                                                                                                                                                                              |
| CAPACITY (LTRS)(+/-5%)         |                                                                                                                                                                                                                                                                                                                       |
| Fuel Tank (Ltr.)                                                                                                  | 73                                                                                                                                                                                                                                                                                                                    |
| TURNING RADIUS                 |                                                                                                                                                                                                                                                                                                                       |
| Without Brakes (m)                                                                                                | 4.58                                                                                                                                                                                                                                                                                                                  |
| TYRE                             |                                                                                                                                                                                                                                                                                                                       |
| Front                                                                                                             | 8-18                                                                                                                                                                                                                                                                                                                  |
| Rear                                                                                                              | 14.9-24                                                                                                                                                                                                                                                                                                               |
| DIMENSION (+/-5%) (4WD/2WD)  |                                                                                                                                                                                                                                                                                                                       |
| Weight (Kg)                                                                                                       | 2735                                                                                                                                                                                                                                                                                                                  |
| Overall Length (mm)                                                                                               | 4022-4252                                                                                                                                                                                                                                                                                                             |
| Overall Width (mm)                                                                                                | 1475-1606                                                                                                                                                                                                                                                                                                             |
| Overall Height (mm)                                                                                               | 2630                                                                                                                                                                                                                                                                                                                  |
| Wheel Base (mm)                                                                                                   | 2307                                                                                                                                                                                                                                                                                                                  |
| Min. Ground Clearance (mm)                                                                                        | 255                                                                                                                                                                                                                                                                                                                   |
| Front Wheel Track Agri (mm)                                                                                       | 1150-1286                                                                                                                                                                                                                                                                                                             |
| Rear Wheel Track Agri (mm)                                                                                        | 1082-1213                                                                                                                                                                                                                                                                                                             |
| OTHERS                         |                                                                                                                                                                                                                                                                                                                       |
| Fuel Indicator Gauge                                                                                              | Standard                                                                                                                                                                                                                                                                                                              |
| Front Tow Hook                                                                                                    | Standard, Inbuilt in Front Weight                                                                                                                                                                                                                                                                                     |
| Front & Rear Weights with Std. Ballast                                                                            | Front-72 kg + 6x31 kg<br>Front Removal Weight. /<br>Rear 1*30 kg at Each Wheel                                                                                                                                                                                                                                        |
| Trailer Hitch                                                                                                     | Swinging Drawbar                                                                                                                                                                                                                                                                                                      |
| ROPS                                                                                                              | Standard                                                                                                                                                                                                                                                                                                              |
| OPTIONAL FEATURES            |                                                                                                                                                                                                                                                                                                                       |
| Tyres                                                                                                             | 4WD<br>1) Front Tyre: 260/70R16   Rear Tyre: 360/70R24<br>2) Front Tyre: 280/70R18   Rear Tyre: 360/70R28<br>3) Front Tyre: 280/70R18   Rear Tyre: 420/70R24<br>2WD<br>4) Front Tyre: 6.5x16   Rear Tyre: 360/70/R28<br>5) Front Tyre: 6.0x16   Rear Tyre: 360/70/R24<br>6) Front Tyre: 6.5x16   Rear Tyre: 420/70R24 |
| Cabin                                                                                                             | HVAC                                                                                                                                                                                                                                                                                                                  |
| Front Mudguard                                                                                                    | Standard                                                                                                                                                                                                                                                                                                              |

DEALER STAMP



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

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