

5

AMONG TOP 5 **TRACTOR**
MANUFACTURERS
GLOBALLY

1

NO. 1 TRACTOR
EXPORTER FROM
INDIA



EMINENT PRESENCE
IN **150+ COUNTRIES**



WORKFORCE OF
6000+ DEDICATED EMPLOYEES
WITH 500+ ENGINEERS IN R&D



JOINT VENTURE
WITH **YANMAR** (JAPAN)



INTERNATIONAL TRACTORS LIMITED

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Solis
PROFESSIONAL

**COMFORTABLE CABIN
DESIGNED TO
BOOST FARMING**



www.solistractors.com

N SERIES
N90 | N75

BUILT FOR THE NARROWES FIELDS



These tractors are engineered to glide through orchard rows and vineyard lanes with unmatched agility. The Solis NT Series is crafted for orchard and vineyard farming, combining precision, efficiency, and comfort. Delivering maximum power in limited spaces, it helps farmers achieve more without compromise. With decades of expertise, Solis has become one of the fastest-growing tractor brands, trusted in 150+ countries. The NT Series continues this legacy with advanced engineering and farmer-focused design, redefining narrow farming.

ENGINEERED FOR EASE



NEW S-TECH ENGINE

- 4 CYLINDER TURBOCHARGED STAGE V ENGINE
- BEST-IN-CLASS TORQUE
- BEST-IN-CLASS ENGINE CAPACITY

POWERFUL TRANSMISSION

- 12F+12R SYNCHRO SHUTTLE TRANSMISSION WITH AUTO CREEPER
- INDEPENDENT PTO

S COMMAND CENTER

- WIDER WORKSPACE
- TILTABLE / TELESCOPIC POWER STEERING
- INTEGRATED LOADER JOYSTICK
- S-CONNECT SYSTEM (TELEMATICS)
- BEST-IN-CLASS CAB VOLUME

CAT-IV CAB

- ALL-WEATHER COMFORT
- OPERATOR-FRIENDLY
- ENHANCED VISIBILITY
- PREMIUM SEATING
- SAFETY SWITCHES

S-BOOST HYDRAULIC

- 2500 KG LIFT CAPACITY
- 2DA STD / 3DA (OPTIONAL)
- 45 LPM FLOW RATE
- 88 LIT. TOTAL HYDRAULIC FLOW
- FIXED & QUICK ATTACH TPL

SPECIAL FEATURES

- UNMATCHED TORQUE IN THE OPTIMAL OPERATING BAND
- UNIQUE FLAT FLOOR WITH TOP-CLASS OPERATOR COMFORT
- CAT-4 PRESSURISED CABIN FOR PROTECTION AGAINST HARMFUL CHEMICALS
- WHEELBASE OFFERING TOP-NOTCH STABILITY
- OVERALL WIDTH OF 1400 MM
- BIAS/RADIAL TYRE OPTIONS
- LOW TURNING RADIUS (3600 MM)

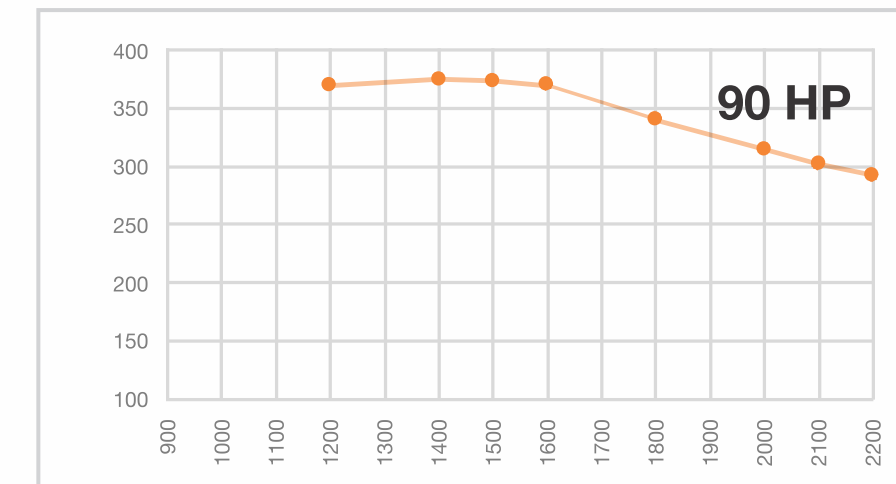
NEW S-TECH ENGINE



UNMATCHED TORQUE FOR OPTIMAL OPERATING RANGE

The tractor is driven by a cutting-edge 4-cylinder Stage V engine with turbocharging, delivering impressive torque and fuel-efficient performance. Whether you're tackling challenging tasks or running long hours, it ensures strong, reliable output with lower fuel consumption. These advanced features enable greater productivity and unmatched efficiency across all types of applications.

FLAT TORQUE CURVE



SPECIAL FEATURES:

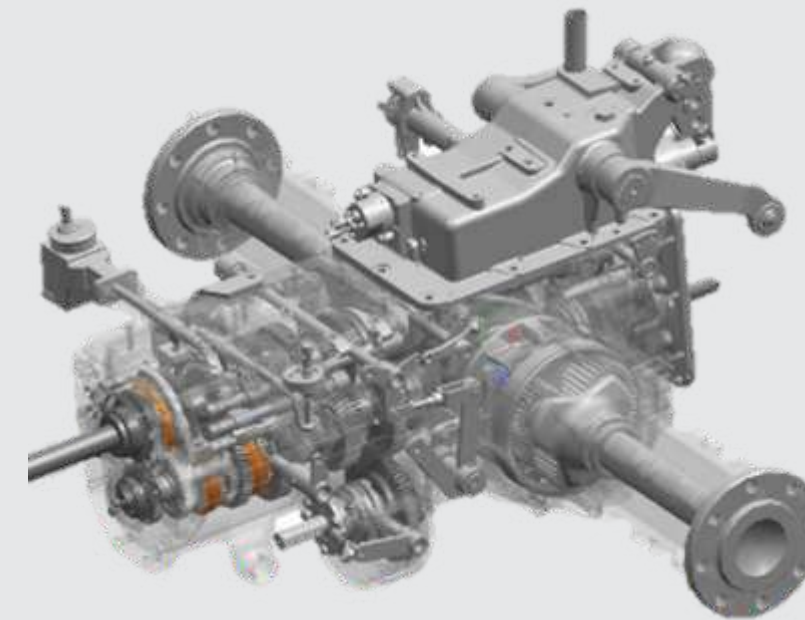
- 4 Cylinder Turbocharged Engine
- Compliant with Stage-V Emission Norms
- High-end Torque of 375 Nm (90 Hp) & 340 Nm (75 Hp) with Better Torque in Operating Range for Applications
- Block Heater (opt.)
- Best-In-Class Torque
- Best-in-Class Engine Capacity for unmatched power
- Low-rated engine RPM

POWERFUL TRANSMISSION



SMOOTH & SMART TRANSMISSION

Equipped with a sturdy synchromesh gearbox offering 12 forward and 12 reverse speeds, along with F/R shuttle and 4WD capabilities, this transmission system delivers seamless gear shifts and smooth handling, perfect for varied terrains and demanding operations.



SPECIAL FEATURES: TRANSMISSION

- Synchromesh Transmission
- Forward/Reverse Synchro Shuttle
- 12F+12R Speeds
- Agri Bias/Radial Tyre
- Standard Creeper Speed
- Hydraulic Trailer Brakes

S-BOOST HYDRAULIC



ADVANCED S-BOOST HYDRAULIC

The advanced S-Boost hydraulic system offers a robust 2500 kg lifting capacity and intuitive PC/DC controls. With adaptable hitching options like CBM, automatic, CUNA, and intuitive PC/DC controls, it ensures effortless attachment handling and supports high-performance applications.

SPECIAL FEATURES:

S-BOOST HYDRAULICS

- 2500 KG lift capacity
- CAT-II Three-point linkage

REAR HITCHES

- E-marked swinging bar (std.)
- CBM Ladder hitch (Opt.)
- Cuna (X type & Y type) Hitch (Opt.)

AUXILIARY OUTPUTS

- Telescopic & Self Locking TPL (Opt.)
- Pin Type Stay bar for limited movement of stay bars
- 2DA (Std.)
- 3DA (Opt.)





DEFINE YOUR STYLE WITH UNRIVALLED DURABILITY

Solis tractors are renowned for their sturdy build and advanced engineering, ensuring consistent performance even under the harshest conditions, thereby establishing their reliability. The sleek designs create a unique aesthetic appeal, complemented by a flat floor and best-in-class cab volume that enhance operator comfort. With fatigue-free operation at its core, every drive becomes more productive and effortless.

SPECIAL FEATURES:

- Flat Floor
- Best-in-Class Cab Volume
- Fatigue Free Operation
- 100% Metal Hood
- Twin Projector Lamps
- Single Piece Hood with Wider Opening
- Aerodynamic Front Hood
- Front Fenders



TOUGH AND STYLISH

REDEFINING COMFORT WITH CAT-IV CAB



THE LOGO IS PROVIDED
FOR REFERENCE

CAT-4 PRESSURISED CABIN FOR PROTECTION AGAINST HARMFUL CHEMICALS

The Cat IV CAB is your ultimate shield in the field, a fortress of innovation crafted to keep farmers safe, comfortable, and empowered. With advanced technology, the Cat IV CAB seals out dust, heat, and harmful chemicals, ensuring a healthier workspace every day. Inside, first-class comfort takes charge with ergonomic seating, climate control, and noise reduction, transforming long hours into effortless productivity. More than just a cabin, the Cat IV CAB is a promise that the farmer who feeds the world deserves nothing less than protection, luxury, and the future of farming at their fingertips.



SPECIAL FEATURES: SAFETY NORMS

- Neutral Safety Switch
- PTO Safety Switch
- Clutch Safety Switch
- Battery Cut-Off Switch



STANDARD FEATURES

- Tilttable & Telescopic Steering
- CAT IV CAB
- 2DA
- Music System
- CAB Lights
- Swinging Draw Bar

NARROW SPECIALIST



TAME VINEYARD CHALLENGES WITH EASE

Wheelbase Designed for Superior Stability

The Solis tractor stands out for being compact yet powerful, making it ideal for vineyards, orchards, and various forms of compact farming. It delivers exceptional results in confined spaces, and its versatility makes it the perfect choice for farmers seeking optimal productivity in limited areas.



1495mm



1495mm

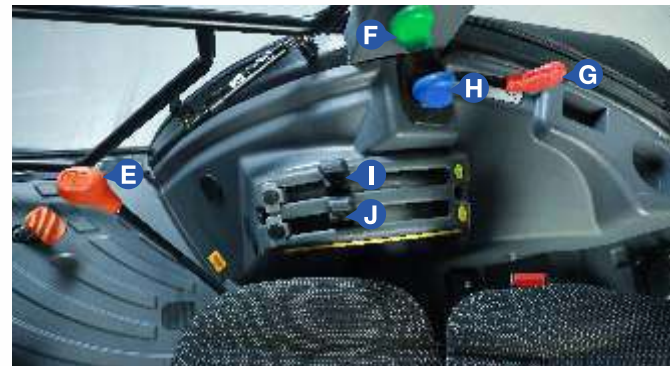


	DIMENSIONS	N75 N50
A	Overall Length (mm)	4030-4300
B	Overall Width (mm)	1400-1515
C	Overall Height (mm)	2300-2330
D	Wheel Base (mm)	2310
E	Min. Ground Clearance	290-320
F	Front Wheel Track Agri (mm)	1150-1210
G	Rear Wheel Track Agri (mm)	1000-1110

SPECIAL FEATURES:



- A. : Speed Range Lever
- B. : PTO Gear Lever
- C. : IPTO Lever
- D. : 540/540E PTO Lever



- E. : Gear Lever
- F. G. H. : DCV Control Levers
- I. : Position Control Lever
- J. : Draft Control Lever

S-COMMAND CENTER



EXPERIENCE THE DIFFERENCE OF A UNIQUE FLAT FLOOR

Solis tractor offers the S-Command Center, which revolutionises farming operations with its intuitive interface and advanced features. Solis tractor prioritises operator well-being. Its spacious workspace provides ample room for efficient operation, while the integrated joystick simplifies control, allowing operators to focus on maximising productivity with ease and confidence.



SPECIAL FEATURES:

WIDE & OPEN PLATFORM

- HVAC System for Better Work Environment
- Best-in-class Workspace
- Wider Foot Step
- Bigger Entry Area
- Easy Approach to Levers
- Easy Mounting on Tractor
- Flat Platform for Operator

ADJUSTABLE SEAT

(Optional Seat)

- Bucket Design
- Soft Cushioning
- Back Support
- Front Back Adjustable
- Easy Approach to all Levers
- Seat Belt
- Utility Box at the Back



ENHANCED SAFETY SHIELD



SHIELD YOURSELF WITH CONFIDENCE ON EVERY RIDE

Ensuring operator safety, the Solis tractor safety shield excels in this aspect. Designed with precision and durability in mind, it offers robust protection against potential hazards such as debris and moving parts, enabling operators to work with confidence and peace of mind.

SPECIAL FEATURES:

- A. Tilttable Steering Lever
- B. 12V Socket
- C. Signature Light Switch
- D. Hazard Switch
- E. External PTO Control Switch



- F. F/R Shuttle Lever
- G. Telescopic Steering Knob
- H. Hand Accelerator

ADVANCED TECHNOLOGY FEATURES



EXPLORE NEXT-LEVEL TECHNOLOGY

Solis tractors are equipped with advanced technology features that offer farmers exceptional control and efficiency in their operations. Their high versatility allows them to adapt to a wide range of tasks, optimising productivity and yield.



SPECIAL FEATURES:

LIGHTING INSTALLATIONS

- Quad Projector Lamps
 - Clear Outline Beam
 - High-Intensity Illumination
 - 7m Range
 - Clear Visibility
 - 24-Hour Working
- Beacon Light
- Front Indicator Lamps
- Front Guide Light (Opt.)
- Under-hood Light for Easy Serviceability (Opt.)
- LED Work Lamps (Cabin Model) (Opt.)
- LED Work Lamp (ROPS Model) (Opt.)

INTERACTIVE CLUSTER

- Digital Display
- RPM Meter
- Oil Temperature Indicator
- Fuel Indicator Gauge
- Error Codes on Display
- Speed in km/h or mph
- PTO RPM Indication
- PTO RPM Set Indication
- Improved Sensors with Water Protection
- Water-Sealed Connectors
- Battery Cut-off Switch (Operated Inside Cabin)



Solis NT Series is better positioned than its competition, delivering nearly 40–50% more advantage with its smart design and advanced engineering. A perfect blend of the right features and cutting-edge technology, it empowers farmers with smart farming solutions tailored for orchards and vineyards.

SPECIFICATIONS

FEATURES		N 90	N 75
ENGINE			
No. of Cylinders / Capacity (cc) / Emissions Level	4/ 4087/ CRDi Stage V	4/ 4088/ Stage V	
After Treatment System	DOC + DPF + SCR (Ad-Blu)		DOC + DPF
Rated Engine Power (kw/Hp)	67.3/90		54.83/ 73.47
Rated Engine Speed	2200		2000
Max. Torque (Nm)	375Nm @ 1400 Rpm		340Nm @ 1400 Rpm
Aspiration	Turbo charged	Turbocharged with Intercooler	
Air Cleaner	Dual Stage Dry Type		
Block Heater	○		
Downdraft Exhaust Pipe	●		
Fuel Tank Capacity (Ltr.) (Cab)	80		
DEF Tank Capacity (Ltr.)	10	-	
TRANSMISSION			
12x12 Synchro Shuttle Transmission	●		
Minimum/Maximum Speed	0.5 kmph / 30 Kmph	0.45 kmph/ 30 Kmph	
24x24 Synchro Shuttle Transmission	○		
Minimum/Maximum Speed	0.5 kmph / 40 Kmph	-	
Clutch	Double		
FRONT AXLE			
4WD Front Axle	●		
Differential Lock	Mechanical		
4WD Actuation	Mechanical		
Brake Actuation	Mechanical		
PTO			
PTO Type	Independent	Mechanical	
540/540E	●		
HYDRAULIC			
Hydraulic Pump Flow (LPM)	56		
Open Centre Mechanical Draft Control	●		
Top Link Draft Sensing	●		
Lift Capacity (kg)	2500		
Linkage Category	Cat-II		
Self Locking TPL Linkages	○		
Max. No. of Rear Remotes	2DA/3DA (Float with detent, self centered, Kick out)		
REAR HITCHES			
E-Marked Swinging Bar	●		
CBM Ladder Hitch	○		
Cuna (X Type & Y Type) Hitch	○		
Clevis Type Hitch	○		

SPECIFICATIONS

FEATURES		N 90	N 75
TRAILER BRAKES			
Without Trailer Brakes	●		
Hydraulic Trailer Brakes (DHTB)	○		
ELECTRICALS (ROPS/CAB)			
Battery	110AH 800CCA	-	
Alternator	90A	-	
Button Operated Battery Cut off Switch, 3 Pin Socket, Seven Pin Trailer Socket	●	●	
OPERATOR ENVIRONMENT			
Suspended Platform (with ROPS)	●		
Normal Driver Seat w/o Armrest	●		
Tilttable & Telescopic Steering	●		
Front Mud Guards	○		
Ballast Weights (31*6) Kg	○		
Ballast Rear Weights (30*2) Kg	○		
Cabin Air Conditioning (With HVAC)	○		
CAT IV Cabin	○		
DIMENSIONS (ROPS/CAB)			
Weight (kg)	3295-3545	2300	
Wheelbase (mm)	2310	2300	
Overall Length (mm)	4030-4300	4305	
Overall Width (mm)	1400-1515	1495	
Overall Height (mm)*	2300-2330	2365	
Front Track Width (mm)	1150-1210	1200	
Rear Track Width (mm)	1000-1110	1070	
Ground Clearance (mm)	290-320	265	
Additional Weight (kg)			
Front	79 Kg Base Weight + 6*31 Kg Weights	-	
Rear	1*30 Kg on Each Side Wheel	-	
OPTIONAL TYRES (ROPS/CAB)			
Standard	8X18 & 14.9-24 (Agri)	8.00-18 & 14.9-24	
Option 1	8X18 & 13.6X24 (Agri)	8x18 * 13.6X24	
Option 2	280/70 R18 & 380/85R24	280/70R18 & 380/85R24	
Option 3	210/95R18 & 360/70R28	210/95R18 & 360/70R28	
Option 4	280/70R18 & 420/70R24	280/70R18 & 420/70R24	
Option 5	260/70R16 & 360/70R24	260/70R16 & 360/70R24	
Option 6	280/70R18 & 360/70 R28	280/70R18 & 360/70 R28	

● Standard ○ Optional

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