



Solis

INTERNATIONAL TRACTORS LIMITED

International Business Office: Teri School of Advanced Studies, Plot No.10, Institutional Area, Vasant Kunj, New Delhi-110070 (India) | Phone: +91 11 66 45 5200

Work: Jalandhar Road, Hoshiarpur - 146022, Punjab (India) | Phone: +91 1882 302220, 302221 | Fax: +91 1882 302293

Email: exports@sonalika.com | URL: www.solistractors.com/www.solisworld.com

Follow us on:

www.facebook.com/SolisTractors www.twitter.com/SolisTractor www.instagram.com/solis_tractors/ www.in.linkedin.com/company/international-tractors-limited



SERIES



THE TOUGHEST PERFORMER
FOR YOUR FIELD

EFFICIENT • VERSATILE • COMPETENT



3 YEARS WARRANTY



20

22

H26

26

26 SHUTTLE XL

Solis

THE NEXT GENERATION TECHNOLOGY

XTRA

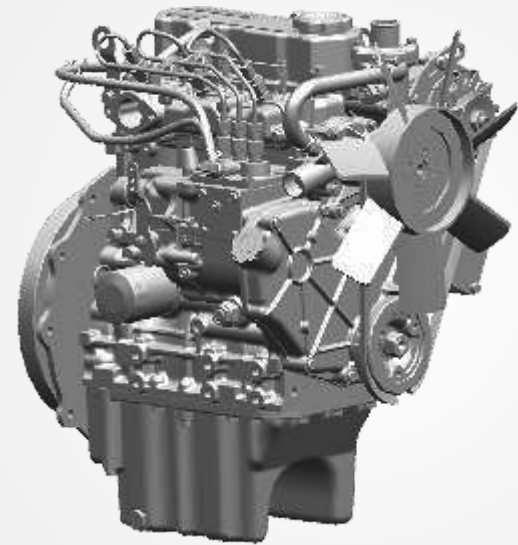
EXTRA EFFICIENT TRACTORS FOR YOUR WORK



- 20
- 22
- 26
- 26 SHUTTLE XL
- H26

EXTRA POWERFUL S5 ENGINE

Pace ahead with precision in power packed engine capacity. With user and eco-friendly features, S5 engine redefines power and performance on the field.



EXTRA EFFICIENT
STAGE V
MITSUBISHI® ENGINE



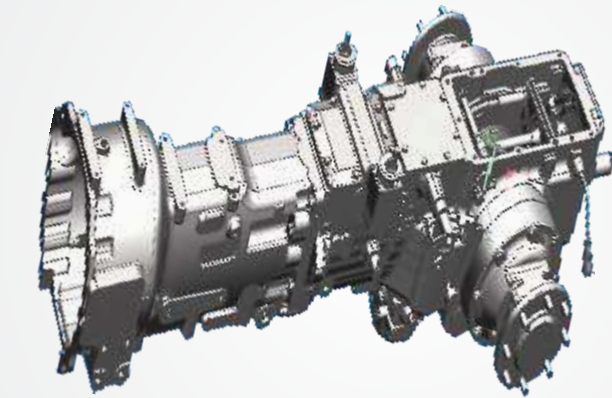
LOW
MAINTENANCE



HIGH
BACK UP
TORQUE



BETTER
COOLING



NEXT GEN TRANSMISSION

The transmission potential of the tractor is at par with the global standards. The in-built speed precision field features allow high productivity on the field.



MECHANICAL
TRANSMISSION



HST
TRANSMISSION

EXTRA POWERFUL LIFTING CAPACITY

Amplifying every task with its high lifting capacity, this tractor enables ease of operations and performs like a champion.



EFFICIENT
HYDRAULIC
PUMP



STANDARD DOUBLE
ACTUATING
AUXILIARY VALVE

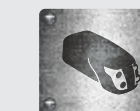


SMOOTH
LIFTING

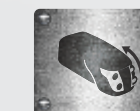


GLOBAL STYLING

The sleek and stylish bonnet is designed to provide better ground control and increase the user comfort.



SLEEK
& STYLISH
BONNET



AERODYNAMIC
BONNET



STYLISH
PROJECTOR
LAMPS

EXTRA POWERFUL SAFETY FEATURES

Achieve a seamless experience with our reinforced safety features and work hassle free, even in the most difficult terrains & conditions.



OPC (OPERATOR PRESENCE CONTROL)



TIMEOUT ALARM



HAZARD WARNING



INTEGRATED CONTROL



SAFETY SHUT DOWN WITH PTO ENGAGEMENT

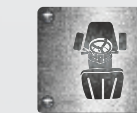


S COMFORT PACKAGE

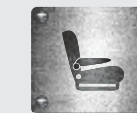
Designed to enhance the user experience, the extra comfort features add to ease of operations and make it more efficient and productive.



ERGONOMICALLY DESIGNED



SPACIOUS OPERATOR AREA



COMFORTABLE SEAT WITH FOLDABLE ARMREST*

VERSATILE PERFORMER

Our masterpiece towards innovation, Solis S20 & S26, is the heaviest tractor among its class. These strong and powerful heavy weight champion is made of complete metal increasing its productivity and efficiency on the field.



HEAVY WEIGHT TRACTOR



RADIAL AGRI, INDUSTRIAL, TURF TYRE OPTIONS



QUICK ATTACH LOADER & BUCKET WITH 3RD ELECTRIC FUNCTION OPTION



SPECIFICATIONS

FEATURES	S20	S26
ENGINE		
Engine Type	Mitsubishi 3 Cylinder	
HP Category	20	26
No. of Cylinders	3	
Aspiration	Natural	
Cubic Capacity (cc)	952	1319
Rated RPM	2500	
Air Cleaner	Dry	
Cold Start	Standard	
Max. Torque (Nm)	50	76.3
Exhaust	Underhood Downdraft Silencer	
TRANSMISSION		
Drive	4WD	
Clutch	Single Clutch	
Gearbox	6F+2R	
Front Axle	4WD	
Transmission	Sliding Mesh	
SPEED (FORWARD)		
Maximum Speed (km/hr)	15.26 @ 2500	15.58 @ 2500
Minimum Speed (km/hr)	1.3 @ 2500	1.67 @ 2500
BRAKES		
Brakes	Dry Drum	Oil Immersed
Type of Actuation	Mechanical	
Parking Brake	Independent	
DIFFERENTIAL LOCK		
Differential lock	Yes, Foot Operated	
PTO		
PTO (rpm)	540, 540E, 1000*	540, 1000
PTO (Actuation)	Mechanical	
STEERING		
Steering	Mechanical /Power	Power
ELECTRICAL		
Battery	12 V, 65 Ah	
Type of Actuation	12V, 42 Amp	
Parking Brake	Standard	

*Agri: 540/540E/1000 | *Turf & Ind: 540/540E

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

FEATURES	S20	S26	
HYDRAULICS			
3 Point Linkage	Cat 1 - N		
Stay Bars	Anchor Chain		
Auxiliary Hydraulic Circuit	1DA		
Lift Rods	Standard		
Lifting Capacity (Kg)	500	600	
Litre Per Minute (LPM)	12	18	
SAFETY SWITCH			
Clutch Safety Switch	Standard		
CAPACITY (LITRE) (+/-5%)			
Fuel Tank (Ltr.)	26.5		
TURNING RADIUS			
Without Brakes (m)	2.3		
TYRE (STANDARD)			
Front	5.00 - 12	6.00 - 12	
Rear	8.00 - 18	8.30 - 20	
DIMENSION & WEIGHT (+/-5%)			
Weight (kg)	885	907	
Wheel Base (mm)	1420	1560	
Total Length (mm)	2700	2745	
Total Width (mm)	925-1125	1065	
Height (mm) Up to ROPS	2175	1955	
Min. Ground Clearance (mm)	210	225	
Front Track (mm)	894	865-965	
Rear Track (mm)	925	720-830	
OTHERS			
Fuel Indicator Gauge	Standard		
Front Tow Hook	Standard		
Front & Rear Weights with Std. Ballast	Front Weight - 30 kg	Front Weights - 15x2	
Trailer Hitch	1. Semi Automatic Trailer Hitch 2. Swinging Drawbar (optional)		
ROPS	Yes		
Cabin Option	Yes		
OPTIONAL FEATURES			
Tyres	Agri Tyres: Front Rear	6x12 8.3x20	7x14 8.3x24
	Radial Agri: Front Rear	6.5/80-12 280/70 R18, 220/55 R12 280/70 R18	
	Turf: Front Rear	23x8.5-12 31x15.5-15, 25x8.5-14 13.6x16, 23x8.5-12 33x15.5-16.5	
	Ind: Front Rear	23x8.5-12 33x15.5-16.5, 220/55 R12 280/70 R16	

ELEVATING POTENTIAL

A tractor that enables all your garden and farming needs, this power performer is empowered with a power steering to help reduce operational stress for the user. The powerful 4 wheel drive and effective traction capacity of SOLIS S22 capacitates smooth operations and the sliding mesh transmission enables speed precision.



3 CYLINDER STAGE "V" ENGINE



SLEEK & STYLISH BONNET



MECHANICAL TRANSMISSION



S22

SPECIFICATIONS

FEATURES	S22
Model Description	SOLIS-22
ENGINE	
Engine Type	Solis 22 Inhouse
HP Category	22
No. of Cylinders	3
Aspiration	Natural
Cubic Capacity (cc)	1130cc
Rated RPM	2700
Air Cleaner	Dry Air Cleaner
Cold Start	Standard
Max Torque @ RPM (nm)	54 Nm @ 2300
Exhaust	Underhood Downdraft Silencer
TRANSMISSION	
Drive	4WD
Clutch	Single Clutch
Gearbox	6F+2R
Front Axle	4WD
Transmission	Sliding Mesh
SPEED (FORWARD)	
Maximum Speed (Km/Hr)	15.58 @ 2700
Minimum Speed (Km/Hr)	1.67 @ 2700
BRAKES	
Brakes	Oil immersed brakes
Type of Actuation	Mechanical
Parking Brake	Latch Type with Brake Pedals
DIFFERENTIAL LOCK	
Differential Lock	Yes, Foot Operated
PTO	
PTO (RPM)	540 @ 2703 , 1000 @ 2558
PTO (Actuation)	Mechanical
STEERING	
Steering	Power
ELECTRICAL	
Battery	12V, 65Ah
Alternator	12V, 42Ah
Seven Pin Trailer Socket	Yes

*Data and specifications are subject to change without any advance notice due to continuous product improvement and development.
All Dimensions are with standard tyres *Agri: 540/540E/1000 | *Turf & Ind: 540/540E

FEATURES	S22	
HYDRAULICS		
3 Point Linkage	Cat 1-N	
Stay Bars	Anchor Chain	
Hydraulic Lifting Capacity	600 Kg	
Auxiliary Hydraulic Circuit	1DA	
Lift Rods	Standard	
Litre Per Minute (LPM)	12	
SAFETY SWITCH		
Clutch Safety Switch	Standard	
PTO Safety Switch	Standard	
Neutral Safety Switch	Standard	
CAPACITY (Ltrs.) (+/-5%)		
Fuel tank (Ltr.)	26.5	
TURNING RADIUS		
Without Brakes (m)	2.2 (RHS) 2.7 (LHS)	
TYRE (Standard)		
Front	6.00-12	
Rear	8.30-20	
DIMENSION & WEIGHT (+/-5%)		
Weight (kg)	960	
Wheel Base (mm)	1560	
Total Length (mm)	2725	
Total Width (mm)	1058	
Height (mm) Up to ROPS	2153	
Min. Ground Clearance (mm)	225	
Front Track (mm)	894	
Rear Track (mm)	825	
OTHERS		
Fuel Indicator Gauge	Standard	
Front Tow Hook	Standard	
Front & Rear Weights with std. Ballast	2x15 kg Front Weights	
Trailer Hitch	Semi Automatic	
ROPS	Yes	
Cabin Option	Yes	
Tyres	Agri Tyres: Front Rear	7x14 8.3x24
	Radial Agri: Front Rear	6.5/80-12 280/70 R18, 220/55 R12 280/70 R18
	Turf: Front Rear	23x8.5-12 31x15.5-15, 25x8.5-14 13.6x16, 23x8.5-12 33x15.5-16.5
	Ind: Front Rear	23x8.5-12 33x15.5-16.5, 220/55 R12 280/70 R16

SPECIFICATIONS

FEATURES	H26		
ENGINE			
Engine Type	Mitsubishi 3 Cylinder		
HP Category	26		
No. of Cylinders	3		
Aspiration	Natural		
Cubic Capacity (cc)	1318		
Rated RPM (+/-25mm)	2500		
Air Cleaner	Dry		
Cold Start	Yes		
Max. Torque (Nm)	76.3		
Exhaust	Underhood Downdraft Silencer		
TRANSMISSION			
Drive	4WD		
Gearbox	HST		
Front Axle	4WD		
Transmission	HST		
SPEED (FORWARD)			
Maximum Speed (km/hr)	Turf 20 @ 2700	Ind. 17.40 @ 2700	Agri. 19.70 @ 2700
BRAKES			
Brakes	Oil Immersed		
Type of Actuation	Mechanical		
Parking Brake	Latch Type with Brake Pedals		
DIFFERENTIAL LOCK			
Differential lock	Yes, Foot Operated		
PTO			
PTO (rpm)	Rear : 540 , Mid : 2100		
PTO (Actuation)	Electrical		
STEERING			
Steering	Power		
ELECTRICAL			
Battery	12 V, 65 Ah		
Alternator	12V, 42 Amp		
Parking Brake	Yes		

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

FEATURES	H26	
HYDRAULICS		
3 Point Linkage	Cat 1 - N	
Stay Bars	Anchor Chain	
Auxiliary Hydraulic Circuit	1DA	
Lift Rods	Yes	
Litre Per Minute (LPM)	14.85	
SAFETY SWITCH		
P.T.O Safety Switch	Standard	
Neutral Safety Switch	Yes	
CAPACITY (LITRE) (+/-5%)		
Fuel Tank (Ltr.)	20	
TURNING RADIUS		
Without Brakes (m)	2.6	
TYRE		
Front	6.00 - 12	
Rear	8.30 - 20	
DIMENSION & WEIGHT (+/-5%)		
Weight (kg)	960	
Wheel Base (mm)	1570	
Total Length (mm)	2945	
Total Width (mm)	1245	
Height (mm) Up to ROPS	2442	
Min. Ground Clearance (mm)	240	
Front Track (mm)	880-990	
Rear Track (mm)	920-970	
OTHERS		
Fuel Indicator Gauge	Yes	
Front Tow Hook	Yes	
Front & Rear Weights with Std. Ballast	Front Weight - 30 kg	
Trailer Hitch	1. Semi Automatic 2. Swinging Drawbar (Optional)	
ROPS	Yes	
Cabin Option	Yes	
OPTIONAL FEATURES		
Tyres	Agri Tyres: Front Rear	7x14 8.3x24
	Radial Agri: Front Rear	6.5/80-12 280/70 R18
	Turf: Front Rear	25x8.5-14 13.6x16, 23x8.5-12 33x15.5-16.5
	Ind: Front Rear	23x8.5-12 33x15.5-16.5, 220/55 R12 280/70 R16



H26



ALSO AVAILABLE WITH CABIN

REMASTERED TRANSMISSION

The high comfort level of this tractor features high end transmission, enabling ease of performance in all terrains.



MID & REAR PTO



SEPARATE PEDAL FOR FORWARD & REVERSE



CRUISE CONTROL



QUICK ATTACH MOWER

UPGRADE YOUR FARM WITH ADDED **VERSATILITY & COMFORT**



INTEGRATED LOADER JOYSTICK (OPTIONAL)



MULTI TIRE OPTIONS (AGRI, INDUSTRIAL & TURF TYRE)



QUICK ATTACHED LOADER



SYNCHROMESH SHUTTLE

S26 SHUTTLE XL



SPECIFICATIONS

FEATURES	S26 SHUTTLE XL
Model Description	S-26 (9+9)
ENGINE	
Engine Type	Mitsubishi 3 Cylinder
HP Category	26
No. of Cylinders	3
Aspiration	Natural
Cubic Capacity (cc)	1318
Rated RPM (+/-25mm)	2700
Air Cleaner	Dry
Cold Start	Standard
Max Torque (Nm)	76.3
Exhaust	Underhood Downdraft Silencer
TRANSMISSION	
Drive	4WD
Clutch	Single Clutch
Gearbox	9F+9R
Front Axle	4WD
Transmission	Constant Mesh with Synchromesh Shuttle Lever
SPEED (FORWARD)	
Maximum Speed (Km/Hr)	15.58 @ 2700
Minimum Speed (Km/Hr)	1.67 @ 2700
BRAKES	
Brakes	Oil Immersed
Type of Actuation	Mechanical
Parking Brake	Independent
Differential Lock	Yes, Foot Operated Right Side
PTO	
PTO (rpm)	540@2565R
PTO (actuation)	Mechanical
STEERING	
Steering	Power
ELECTRICAL	
Battery	12V,65 Ah
Alternator	12V,42 Amp
Seven Pin Trailer Socket	Standard
HYDRAULICS	
3 Point Linkage	Cat 1-N

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

FEATURES	S26 SHUTTLE XL	
Stay Bars	Anchor	
Hydraulic Lifting Capacity	600Kg	
Auxiliary Hydraulic Circuit	1DA	
Lift Rods	Standard	
Litre per Minute(LPM)	14.85	
SAFETY SWITCH		
PTO Safety	Standard	
Neutral Safety Switch	Standard	
Clutch Safety Switch	Standard	
CAPACITY (LTRS)(+/-5%)		
Fuel Tank (Lit)	20	
TURNING RADIUS		
Without Brakes (m)	2.1 (RHS), 2.3 (LHS)	
TYRE		
Front	6.00-12	
Rear	8.30-20	
DIMENSION & WEIGHT(+/-5%)		
Weight (kg)	1120	
Wheel Base (mm)	1560	
Total Length (mm)	2945	
Total Width (mm)	1245	
Height (mm) Up to ROPS	2442	
Min Ground Clearance (mm)	240	
Front Track (mm)	880-990	
Rear Track (mm)	920-970	
OTHERS		
Fuel Indicator Gauge	Standard	
Front Toe Hook	Standard	
Front & Rear Weights with std. Ballast	Front weights-15x2	
Trailer Hitch	1. Semi Automatic Trailer Hitch 2. Swinging Drawbar (Optional)	
ROPS	Yes	
Cabin Option	Yes	
OPTIONAL FEATURES		
Tyres	Agri Tyres: Front Rear	7x14 8.3x24
	Radial Agri: Front Rear	6.5/80-12 280/70 R18
	Turf: Front Rear	25x8.5-14 13.6x16, 23x8.5-12 33x15.5-16.5
	Ind: Front Rear	23x8.5-12 33x15.5-16.5, 220/55 R12 280/70 R16

LOADER APPLICATION

Loader Model	2400	3200
Tractor H.P	15-24	15-26
Maximum Lift Height At Bucket Pivot Pin (mm)	1900	2170
Maximum Lift Height At Bottom Of Bucket (mm)	1752	1950
Dump Clearance (mm)	1435	1635
Overall Height In Carry Position (mm)	1120	1170
Lifting Arm Pivot (mm)	950	1000
Dump Angle (°degree)	46	45
Crowd Angle Loader at Ground Level (°degree)	44	43
Crowd Angle Loader at Full Height (°degree)	48	47
Digging Depth (mm)	60	106
Reach Under Dump Bucket (mm)**	380	790
Bucket Width (mm)	1200	1200
Bucket Volume (m ³)	0.13	0.13
Bucket Weight (Kg)	45	45
Rated Capacity (Kg)	280	300
Lift Capacity to Max Height at Pivot Pins (Kg)	540	430
Lift Capacity 500mm Further To Bucket pivot (Kg)	500	400
Breakout force at pivot pins (KgF)	540	485
Roll back force at Ground Level (KgF)	930	920
Rollback force loader at max reach (KgF)	780	855
Front End Loader Weight (Kg)	170	210

*Data and specifications are subject to change without any advance notice due to continuous product improvement and development.



MID MOWER APPLICATION

Number of Blades	3
Mounting Method	Parallel linkage with hydraulic cylinder
Discharge	Rear discharge
Cutting Width (mm)	1524
Cutting height (mm)	25.4-103.5 MM
Overall width (mm)	1885
Weight(KG)	165
Belt	SINGLE V-BELT
Blade spindle speed	2718 RPM
Blade tip speed	14510 fpm (73.7 m/s)
Blade length(mm)	518
Number of antiscalp rollers	4+1
Mower deck thickness (mm)	5
Mower deck Height (mm)	100

*Data and specifications are subject to change without any advance notice due to continuous product improvement and development.

FRONT PTO

