

SOILS



IMPLEMENTING THE TOUGH RUGGED VALUE

Versatile attachments for the diverse applications that unlock productivity and efficiency



WORKFORCE OF
5,500+ DEDICATED EMPLOYEES
WITH 400+ ENGINEERS IN R&D

5

AMONG TOP **5** TRACTOR
MANUFACTURERS
GLOBALLY*



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FROM INDIA



SOLD IN
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WORLDWIDE



INTERNATIONAL TRACTORS USA CORPORATION

2332 Mt. Zion Rd, Greenwood, Arkansas-72936, USA,
Phone no.+1 (514) 850-9580 | Website: www.solistractorusa.com



SCAN ME

www.solistractorusa.com

A red tractor is positioned in the center of a large, open field. To its left and right are several red implements, including a front loader, a front loader with a bucket, a front loader with a pallet fork, a front loader with a brush, a front loader with a pallet fork, a front loader with a pallet fork, a front loader with a pallet fork, and a front loader with a pallet fork. The field is surrounded by a line of trees under a blue sky with light clouds.

OUR RANGE

A comprehensive range of products for the farm

INTEGRATED MANUFACTURING PLANT



ROBOTIC PAINTSHOP



ROBOTIC GEAR SHOP



ROBOTIC WELDING



Solis has established integrated tractors and tractor attachments manufacturing plant in Hoshiarpur, Punjab, India with a production capacity of 300,000 tractors and 100,000 attachments annually. At Solis, all the tractors and farm implements are proudly made in India! We have about 10 different manufacturing units which produce a

complete range of tractor & tractor attachments. The quality of the output comes from highly professional and skilled manpower. The manufacturing plant based in India provides a complete solution to total customer satisfaction.

BOX BLADE

Best Companion for Toughest Levelling and Grading Jobs!

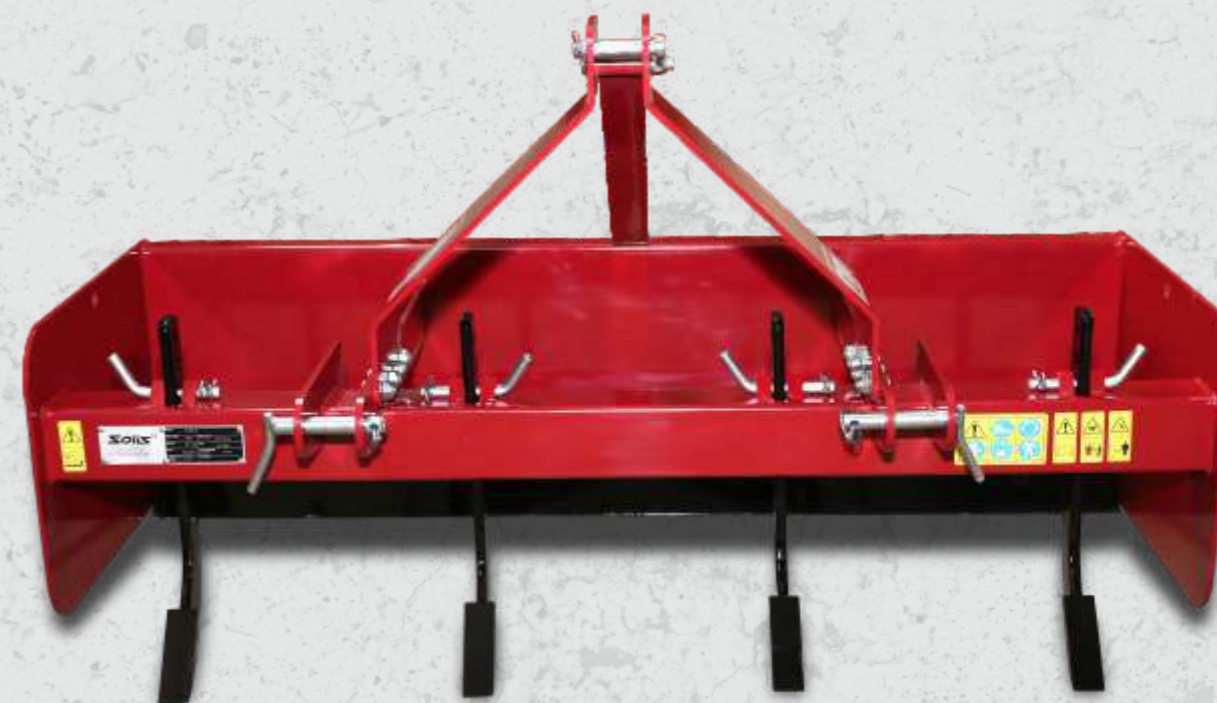
Solis Box Blade is fundamental tool for any farmer or landholder. Whether it is levelling uneven land, filling dumps on your driveways, carrying dirt from one place to another or jab into any hard ground, this all-rounder stands with courage to handle all your demands.

If you are looking for a multitasker for dirt working, Solis Box Blades are the best choice.



TECHNICAL SPECIFICATIONS

| Model | SLBB-48 | SLBB-60 | SLBB-72 | SLBB-84 |
|-----------------------------|---------|---------|---------|---------|
| Overall Width (inch) | 48.5 | 60.5 | 72.5 | 84.5 |
| Working Width (inch) | 48 | 60 | 72 | 84 |
| Main Sheet Thickness (inch) | 0.15 | | | |
| Hitch Category | Cat. I | | | |
| No. of Tines | 3 | 4 | 5 | 6 |
| Tractor (HP) | 16-35 | | | |
| Weight (lbs) | 278 | 320 | 365 | 410 |



ROTARY TILLER

The Perfect Solution for all Soil Types!

From serving hobby farmers to establish their lawns and yards to preparing large fields after harvest as a professional attachment, Solis Rotary Tillers set out as the best fellow for all your soil types. Solis Rotary Tillers have novel design features which makes them front runner in the league.

Solis Rotary Tiller range consists of:

- **Xtra Series: 15-40 HP**
- **Xtra Medium Series: 30-50 HP**
- **Alpha Series: 45-90 HP**



XTRA SERIES 15-40 HP

Best Choice for Hobby Farmers!

Solis Xtra Series Rotary Tillers allies with semi professional & hobby farmers and is best suited for landscaping & gardening in orchards or yards. The compact design of machine with illustrious features like 6 blades/flange, less load on tractor & gear drive transmission leaves behind perfectly fine tilled seedbed.



TECHNICAL SPECIFICATIONS

| | Model Name | Size (in Feet) | Tillage Width (inch) | Gear Box | Side Transmission | Type of Blades | No. of Blades | Weight (lbs Approx) | Tractor Power (HP) |
|--------------------|------------|----------------|----------------------|--|-------------------|----------------|---------------|---------------------|--------------------|
| Xtra Series | SLX 90 | 3 | 35.4 | Single Speed | Gear Drive | C & L Type | 24 | 342 | 15-25 |
| | SLX 105 | 3.5 | 41.3 | | | | 30 | 375 | 20-30 |
| | SLX120 | 4 | 47.2 | | | | 36 | 401 | 20-35 |
| | SLX 135 | 4.5 | 53.1 | | | | 48 | 436 | 25-40 |
| | SLX 150 | 5 | 59 | | | | 54 | 460 | 25-40 |
| Xtra Medium Series | SLXM-145 | 5 | 57 | Single Speed/ Multi Speed (Optional)* | Gear Drive | C & L Type | 36 | 584 | 30-40 |
| | SLXM-165 | 5.5 | 64 | | | | 48 | 628 | 35-45 |
| | SLXM-185 | 6 | 71 | | | | 54 | 683 | 40-50 |

XTRA MEDIUM SERIES 30-50 HP

Dream of Hobby & Small Farmers!

Solis Xtra Medium (XM) Series Rotary Tiller mingles best with tractor HP range between 30-50 HP. The rugged 3 point linkage along with hitch plates enhances the overall strength of the machine. This small beast comes with mechanical seals to work perfectly in wet soil conditions.



ALPHA SERIES 45-90 HP

Best Solution for Tough Soils!

Solis Alpha Series Rotary Tiller mingles best with utility tractors with HP range between 45-90 HP. These models perform like a pro in rigorous & professional applications. The multispeed gearbox & mechanical seals provide strength to work in wet & muddy soil conditions with minimum stress.



| | Model Name | Size (in Feet) | Tillage Width (inch) | Gear Box | Side Transmission | Type of Blades | No. of Blades | Weight (lbs Approx) | Tractor Power (HP) |
|--------------|------------|----------------|----------------------|-------------|-------------------|----------------|---------------|---------------------|--------------------|
| Alpha Series | SL AS5 | 5 | 64 | Multi Speed | Gear Drive | L | 36 | 948 | 45-55 |
| | SL AS5.5 | 5.5 | 71 | | | L | 36 | 980 | 50-60 |
| | SL AS6 | 6 | 74 | | | L/C | 42/54 | 1014 | 60-70 |
| | SL AS7 | 7 | 84 | | | L/C | 48/60 | 1080 | 70-80 |
| | SL AS8 | 8 | 92 | | | L | 54 | 1202 | 75-85 |
| | SL AS9 | 9 | 111 | | | L | 60 | 1279 | 70-80 |
| | SL AS10 | 10 | 119.7 | | | L | 66 | 1433 | 80-90 |

LANDSCAPING ATTACHMENTS

Ready Set Mow!

Be it manicuring your lawns, parks & sports fields or shredding branches, prunings & brushes, Solis has complete range of Mowers & Mulchers to serve your needs. The unrivalled performance of our products has been a result of continuous research and developments which makes it distinct from others. The Range includes:

- **Grooming Mowers: 20-50 HP**
- **Flail Mowers**
 - **Pluto Series: 16-30HP**
 - **Supreme Series: 25-80HP**
- **Mid Mount Mowers: 24 HST**

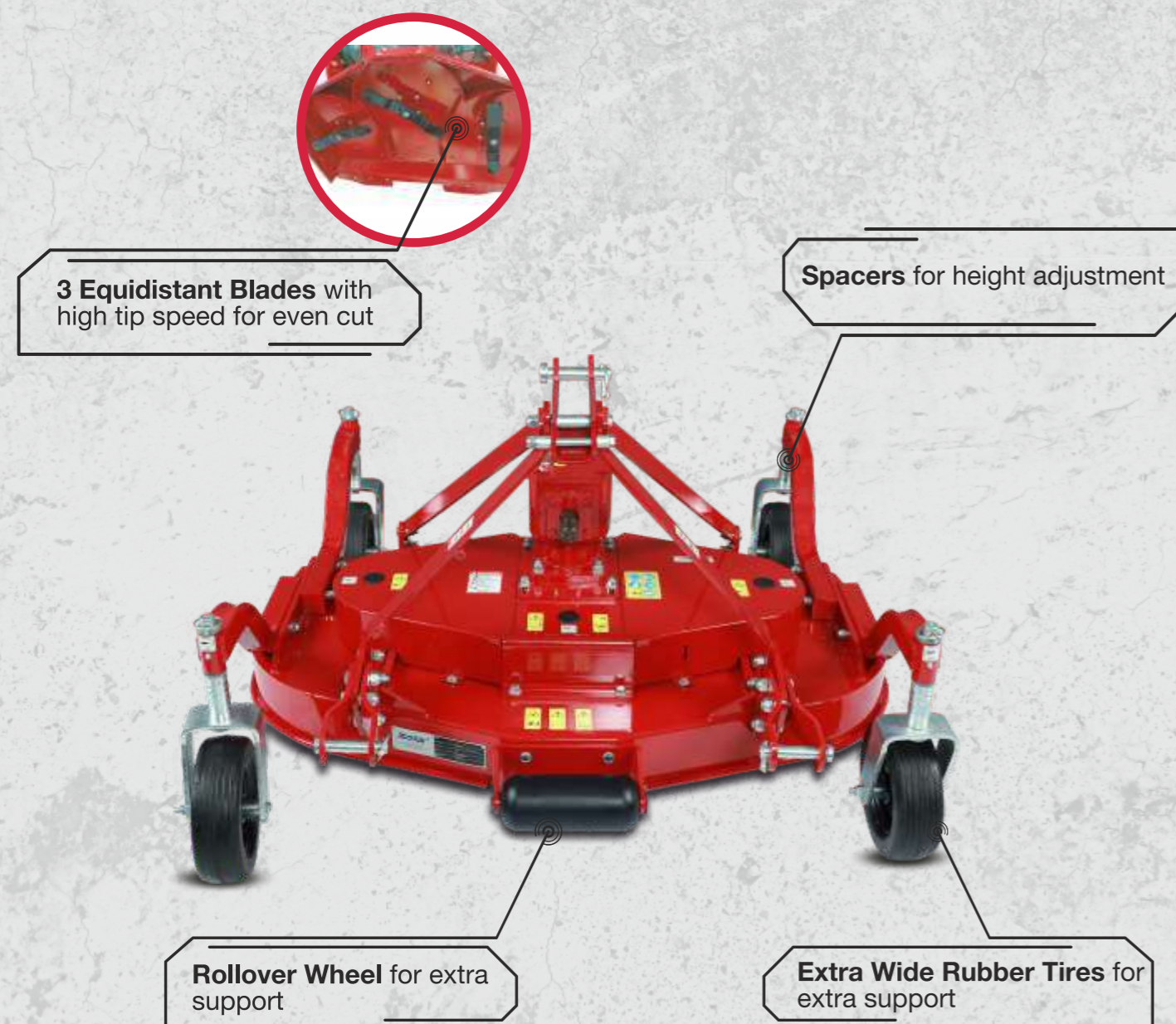


GROOMING MOWER 16-50 HP

Your Lawn too Deserves Best Manicure!

Solis Grooming Mower is ideal machine to keep your lawns, golf courses or athletic fields well manicured. This versatile rear mount machine features 4 pivoting wheels and floating hitch to follow the contours of your land to give even and finished cut. The cutting height can easily be adjusted with the help of spacers. Three equidistant twisted blades with high tip speed ensures better mowing in less time and hence increases efficiency of operation.

It delivers best in class cut to give highly professional & even cut.



TECHNICAL SPECIFICATIONS

| Model Name | SLGM-1.2 | SLGM-1.5 | SLGM-1.8 |
|-----------------------|--------------|----------------|----------------|
| Overall Length (inch) | 54x55x33.5 | 64.5x60.6x33.5 | 74.4x60.6x33.5 |
| Cutting Width (inch) | 47.6 | 59.4 | 71 |
| Cutting Height (inch) | 0.75-4.3 | 0.75-4.3 | 0.75-4.3 |
| 3-point Hitch Type | Cat-I/II | Cat-I/II | Cat-I/II |
| Tractor Power (HP) | 16-50 | | 20-50 |
| Number of blades | 3 | | |
| Blade size (inch) | 0.2x2.4x16.3 | 0.2x2.4x20.3 | 0.2x2.4x24.2 |
| Blade tip Speed (fpm) | 13585 | 14085 | 14192 |
| Deck Thickness (inch) | 0.15 | | |
| Weight (lbs) | 452 | 503 | 558 |

FLAIL MOWER **Pluto Series 12-30 HP**

Compact Shredding Solution for your Overgrowns!

Solis Flail Mower is compact & reliable machine to shred heavy grass, prunings & woody residues effortlessly. This machine allies well with compact tractors. The optional hammer blades helps mowing evidently in heavier grasses or scrubs. The adjustable rear roller prevents scalping & gives stellar cut behind. The drive for the mower is from the tractor PTO through a rugged gearbox, and two heavy-duty drive belts with adjustable tension control.

It is available in both options i.e. Centre Fix & Offset Type. The Centre Fix model keeps the space between the trees or walls clean your orchards while Offset Type series is allied to maintain the space closer to trees, walls or fences.

If you are looking for compact yet robust design, Solis Flail Mower is the right choice.



Heavy duty Hitch Pyramid

Bearings positioned outside the mainframe with special cover

Roller with Grass Anti-Wrapping Guard



Specially Designed Boron Steel Y Blades

Optional Hammer Blades



Front Steel Curtains for protection

Rotor with Grass Anti-Wrapping Guard



PLUTO SERIES CENTRE FIX TYPE



TECHNICAL SPECIFICATIONS

| | Model Name | Over All Length (inch) | Over All Width (inch) | Over All Height (inch) | Cutting Width (inch) | No. of Y-blade | No. of Hammer Blade (optional)* | 3-point Linkage Category | Input RPM | Gear Box | Rotor RPM | Tractor Power (HP) | Approx Weight (lbs) |
|--|------------|------------------------|-----------------------|------------------------|----------------------|----------------|---------------------------------|--------------------------|-----------|-----------------------------------|-----------|--------------------|---------------------|
| PLUTO SERIES Centre-Fix Type | SLPFMC-75 | 40 | 24 | 29 | 30.7 | 28 | 14 | CAT I | 540 | Incremental Ratchet Type Gear Box | 2109 | 12-30 | 280 |
| | SLPFMC-90 | 45.2 | | | 36 | 34 | 17 | | | | | | 300 |
| | SLPFMC-105 | 50.4 | | | 40.5 | 38 | 19 | | | | | | 320 |
| | SLPFMC-130 | 60.6 | | | 51.2 | 48 | 24 | | | | | | 360 |
| | SLPFMC-155 | 71 | | | 61 | 58 | 29 | | | | | | 400 |

PLUTO SERIES OFFSET TYPE



TECHNICAL SPECIFICATIONS

| | Model Name | Over All Length (inch) | Over All Width (inch) | Over All Height (inch) | Cutting Width (inch) | No. of Y-blade | No. of Hammer Blade (optional)* | 3-point Linkage Category | Input RPM | Gear Box | Rotor RPM | Tractor Power (HP) | Approx Weight (lbs) |
|------------------------------------|------------|------------------------|-----------------------|------------------------|----------------------|----------------|---------------------------------|--------------------------|-----------|-----------------------------------|-----------|--------------------|---------------------|
| PLUTO SERIES Offset Type | SLPFMO-75 | 40 | 41.2 | 29 | 30.7 | 28 | 14 | CAT I | 540 | Incremental Ratchet Type Gear Box | 2109 | 12-30 | 320 |
| | SLPFMO-90 | 45.2 | | | 36 | 34 | 17 | | | | | | 342 |
| | SLPFMO-105 | 50.4 | | | 40.5 | 38 | 19 | | | | | | 353 |
| | SLPFMO-130 | 60.6 | | | 51.2 | 48 | 24 | | | | | | 400 |
| | SLPFMO-155 | 71 | | | 61 | 58 | 29 | | | | | | 430 |

FLAIL MOWER Supreme Series

Built to manage Woody Residues with Supremacy!
Supreme Design, Supreme Cut, Supreme Power

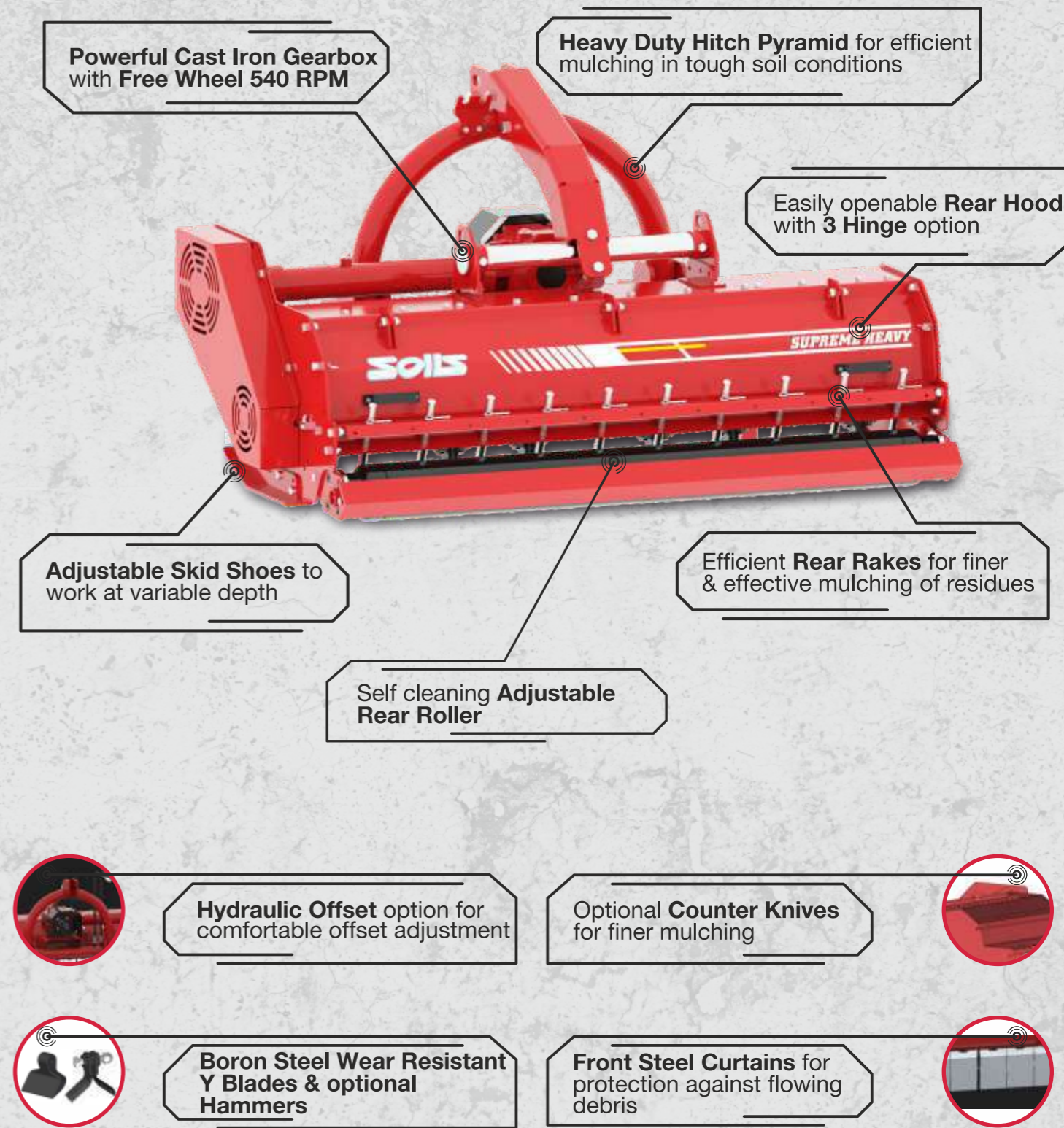
Solis Supreme series Flail Mower is built to stand strong in thick bushes, pruning & brushwood. It is designed to offer superficial performance with its pre-eminent features. It comes in light, medium and heavy duty variants with working widths ranging from 47” to 118”. All three variants of Supreme series come in both Centre Fix & Hydraulic Side Shift variants and is available with both Y Blades & Hammers, boasting its unrivalled versatility. The options of collecting rakes to retain residue for better mulching and counter knives for more effective mulching along with other exemplary features defines the supremacy of the machine.

The Supreme series Flail Mower range consists of:

Supreme Light Series- 26-50 HP

Supreme Medium Series- 40-60 HP

Supreme Heavy Series- 40-75 HP



SUPREME LIGHT SERIES 25-55 HP

Finest Shredding Solution for Narrow Row Spacing

Solis Supreme Light Series Flail Mower is small yet expert machine to handle pruning and woody residues up to 1.6 inches diameter. Its Hydraulic Side Shift option ensures exceptional comfort while working in the orchards and allows the operator to control offset positioning with ease. It flaunts its unrivalled performance with less power requirement. Its compact yet powerful design makes it the perfect choice in areas with narrow working widths.



Power required: 26-50 HP
Wooden branches dia: 1.6 inches

TECHNICAL SPECIFICATIONS

| SUPREME LIGHT SERIES | | | | | | | | | | | | |
|-----------------------------|-------------|----------------------|--------------------|---------------|--------------|--------------|----------------------|-----------------------|-----------------------|---------------------|-----------|-------------------------------|
| Series | Model | Working width (inch) | Tractor Power (HP) | No of Y Blade | No of Hammer | Weight (lbs) | Overall Width (inch) | Overall Length (inch) | Overall Height (inch) | Offset Displacement | | Cylinder Stroke Length (inch) |
| | | | | | | | | | | A2 (inch) | A1 (inch) | |
| Centre Fix Series | SLSFMCL-125 | 47 | 25 - 55 | 32 | 16 | 666 | 54 | 39 | 34.5 | - | | 12 |
| | SLSFMCL-140 | 55 | 30 - 55 | 36 | 18 | 730 | 62 | | | | | |
| | SLSFMCL-155 | 63 | 35 - 55 | 40 | 20 | 794 | 70 | | | | | |
| | SLSFMCL-170 | 71 | 40 - 55 | 44 | 22 | 869 | 77 | | | | | |
| | SLSFMCL-200 | 78.7 | 45 - 55 | 52 | 26 | 937 | 85 | | | | | |
| Hydraulic Side Shift Series | SLSFMHL-125 | 47 | 25 - 55 | 32 | 16 | 708 | 54 | 41.5 | 34.5 | 17 | 28 | 12 |
| | SLSFMHL-140 | 55 | 30 - 55 | 36 | 18 | 772 | 62 | | | 20 | 32 | |
| | SLSFMHL-155 | 63 | 35 - 55 | 40 | 20 | 836 | 70 | | | 24 | 36 | |
| | SLSFMHL-170 | 71 | 40 - 55 | 44 | 22 | 910 | 77 | | | 28 | 40 | |
| | SLSFMHL-200 | 78.7 | 45 - 55 | 52 | 26 | 981 | 85 | | | 32 | 44 | |



Power required: 40-60 HP
Wooden branches dia: 2.4 inches

SUPREME MEDIUM SERIES 40-60 HP

Best Choice for Concentrated Mulching

Solis Supreme Medium Series Flail Mower paves the way for more professional and intensive mulching. It is built to work at larger working widths and fields with vineyard prunings and branches up to 2.4 inches diameter. This machine comes with exemplary features like electronically balanced rotor, critical parts built with Hardox Steel and Hydraulic Side Shift option.

If looking for powerful machine for fields with a lot of crop residues, Supreme Medium is the right choice!

| SUPREME MEDIUM SERIES | | | | | | | | | | | | |
|-----------------------------|-------------|----------------------|--------------------|---------------|--------------|--------------|----------------------|-----------------------|-----------------------|---------------------|-----------|-------------------------------|
| Series | Model | Working width (inch) | Tractor Power (HP) | No of Y Blade | No of Hammer | Weight (lbs) | Overall Width (inch) | Overall Length (inch) | Overall Height (inch) | Offset Displacement | | Cylinder Stroke Length (inch) |
| | | | | | | | | | | A2 (inch) | A1 (inch) | |
| Centre Fix Series | SLSFMCM-155 | 63 | 40 - 60 | 32 + 16 | 16 | 1060 | 71 | 42 | 40 | - | | 16 |
| | SLSFMCM-170 | 71 | 40 - 60 | 40 + 20 | 20 | 1135 | 79 | | | | | |
| | SLSFMCM-200 | 79 | 45 - 60 | 44 + 22 | 22 | 1212 | 87 | | | | | |
| | SLSFMCM-220 | 87 | 50 - 60 | 48 + 24 | 24 | 1290 | 95 | | | | | |
| | SLSFMCM-240 | 94 | 55 - 60 | 48 + 24 | 24 | 1367 | 103 | | | | | |
| Hydraulic Side Shift Series | SLSFMHM-155 | 63 | 40 - 60 | 32 + 16 | 16 | 1126 | 71 | 47 | 39 | 22 | 38 | 16 |
| | SLSFMHM-170 | 71 | 40 - 60 | 40 + 20 | 20 | 1201 | 79 | | | 26 | 42 | |
| | SLSFMHM-200 | 79 | 45 - 60 | 44 + 22 | 22 | 1279 | 87 | | | 30 | 46 | |
| | SLSFMHM-220 | 87 | 50 - 60 | 48 + 24 | 24 | 1356 | 95 | | | 34 | 50 | |
| | SLSFMHM-240 | 94 | 55 - 60 | 48 + 24 | 24 | 1433 | 103 | | | 38 | 54 | |

SUPREME HEAVY SERIES 40-80 HP

Dominant Design to Tackle Thick Woods

Solis Supreme Heavy Series Flail Mower is the ideal machine for professional farmers and contractors with wooden residues and branches up to 3 inches diameter. This beast comfortably tunsures thick wooden branches and extensive vineyard pruning.

The robust & powerful design with extraordinary performance makes it the ideal solution for the subcompact & utility tractors.



Power required: 40-60 HP
Wooden branches dia: 2.4 inches

| SUPREME HEAVY SERIES | | | | | | | | | | | | |
|-----------------------------|-------------|----------------------|--------------------|---------------|--------------|--------------|----------------------|-----------------------|-----------------------|---------------------|-----------|-------------------------------|
| Series | Model | Working width (inch) | Tractor Power (HP) | No of Y Blade | No of Hammer | Weight (lbs) | Overall Width (inch) | Overall Length (inch) | Overall Height (inch) | Offset Displacement | | Cylinder Stroke Length (inch) |
| | | | | | | | | | | A2 (inch) | A1 (inch) | |
| Centre Fix Series | SLSFMCH-155 | 63 | 40 - 80 | 32 + 16 | 16 | 1301 | 72 | 48 | 185 | - | | 16 |
| | SLSFMCH-170 | 71 | 45 - 80 | 32 + 16 | 16 | 1345 | 80 | | | | | |
| | SLSFMCH-200 | 79 | 50 - 80 | 40 + 20 | 20 | 1477 | 88 | | | | | |
| | SLSFMCH-220 | 86 | 55 - 80 | 40 + 20 | 20 | 1566 | 96 | | | | | |
| | SLSFMCH-240 | 94 | 60 - 80 | 48 + 24 | 24 | 1654 | 104 | | | | | |
| | SLSFMCH-260 | 102 | 65 - 80 | 48 + 24 | 24 | 1742 | 112 | | | | | |
| | SLSFMCH-280 | 110 | 70 - 80 | 56 + 28 | 28 | 1830 | 120 | | | | | |
| Hydraulic Side Shift Series | SLSFMHH-155 | 63 | 40 - 80 | 32 + 16 | 16 | 1367 | 72 | 48 | 185 | 22 | 38 | 16 |
| | SLSFMHH-170 | 71 | 45 - 80 | 32 + 16 | 16 | 1411 | 80 | | | 26 | 42 | |
| | SLSFMHH-200 | 79 | 50 - 80 | 40 + 20 | 20 | 1544 | 88 | | | 30 | 46 | |
| | SLSFMHH-220 | 87 | 55 - 80 | 40 + 20 | 20 | 1632 | 96 | | | 34 | 50 | |
| | SLSFMHH-240 | 94 | 60 - 80 | 48 + 24 | 24 | 1720 | 104 | | | 38 | 54 | |
| | SLSFMHH-260 | 102 | 65 - 80 | 48 + 24 | 24 | 1808 | 112 | | | 42 | 58 | |
| | SLSFMHH-280 | 110 | 70 - 80 | 56 + 28 | 28 | 1896 | 120 | | | 46 | 62 | |


















MID MOUNT MOWER 24 HST

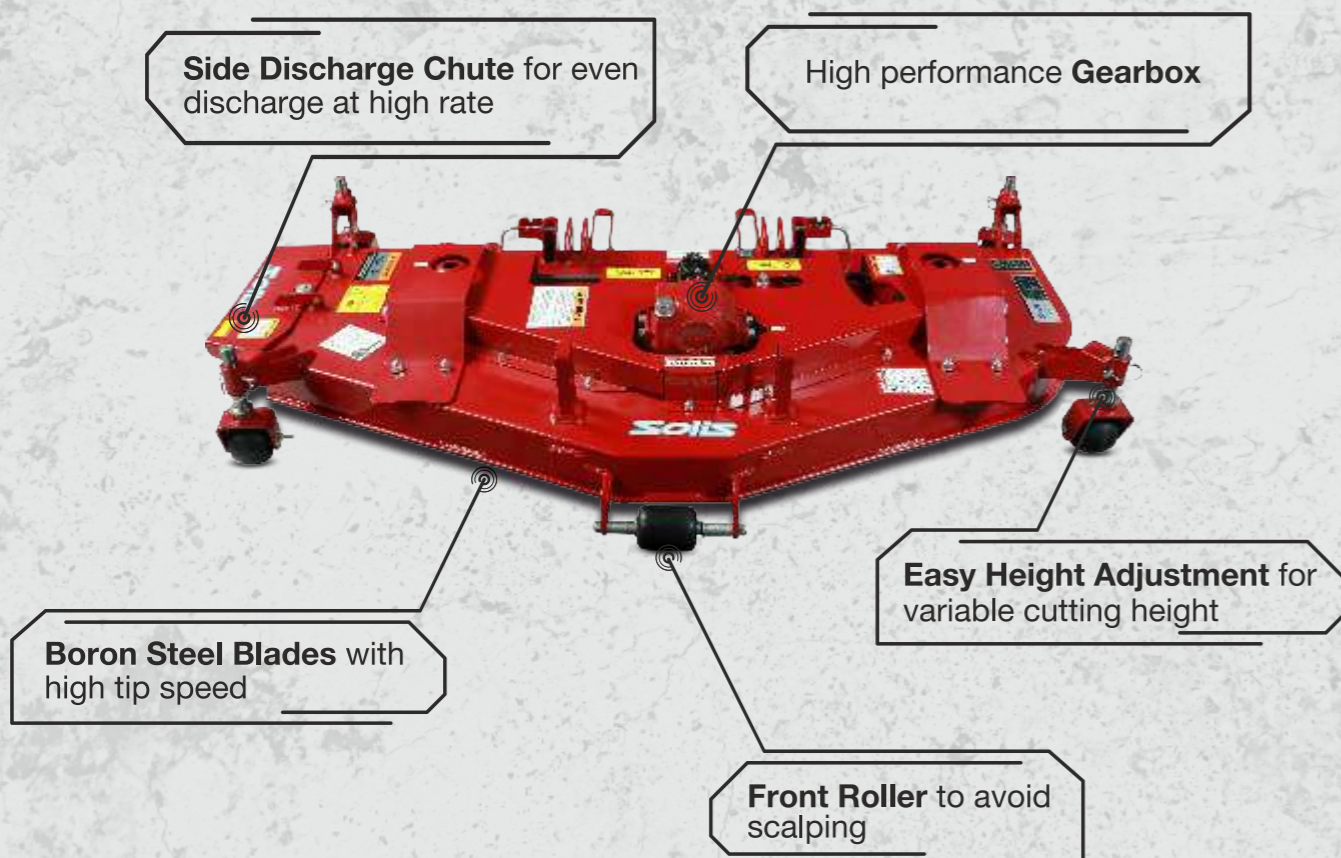
Definition of Effortless Mowing to Save your Moments!

Solis Mid Mount Mower, compatible to Solis 24HST Tractors is known for its unrivalled quality & performance. Its easy manoeuvrability, compact design & easy attach-detach makes it the best choice for farmers. The cutting section consists of 3 high quality cutting blades with high tips speed which increase the efficiency of mowing. The side discharge with well built chute helps in vacuum build up inside the mower & helps in even & efficient mowing.

The enhanced manoeuvrability due to presence of cutting deck in the middle of tractor helps mid mower take sharp turns easily. Solis Mid Mount Mower is best suited for terrains with more obstacles & trees.

TECHNICAL SPECIFICATIONS

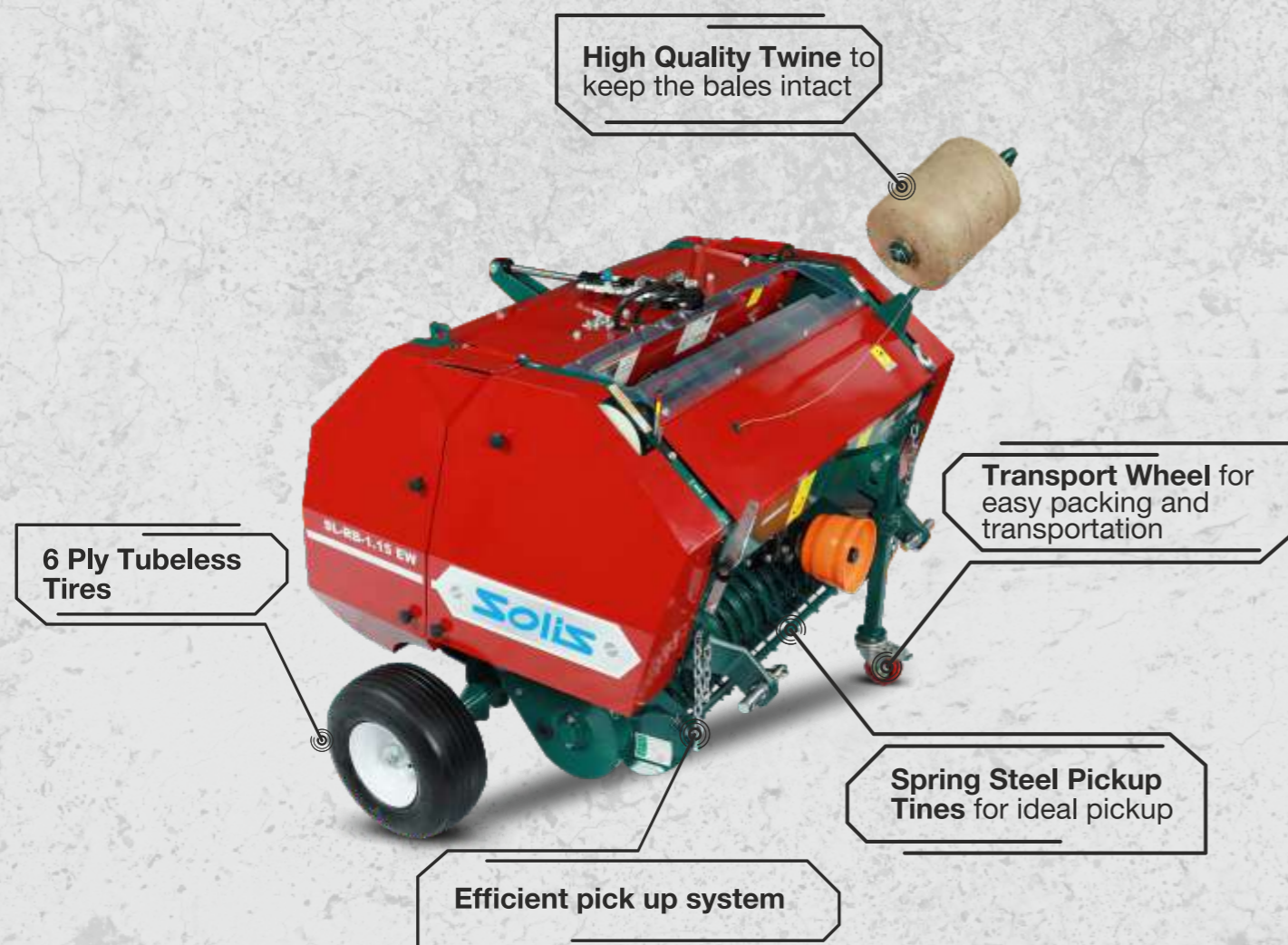
|  Model Name | SLMM-60 |
|--|--|
|  No. of Blades | 3 |
|  Mounting Method | Parallel linkage with Hydraulic Cylinder |
|  Discharge | Side Discharge |
|  Cutting Width (inch) | 59.6 |
|  Cutting Height (inch) | 1~3.5 |
|  Overall Width (inch) | 73.2 |
|  Weight (lbs) | 353 |
|  Belt | Single V-Belt |
|  Blade Spindle Speed | 2718 RPM |
|  Blade Tip Speed | 14510 fpm (73.7 m/s) |
|  Blade Length (inch) | 20.6 |
|  Number of Antiscalp Rollers | 4+1 |
|  Mower Deck Thickness (inch) | 4 |
|  Mower Deck Height (inch) | 4 |
|  Transport Height (inch) | 4 |
|  Tractor Tire | 25x8.50-14 & 13.6x16 |



ROUND BALER 24-60 HP

Superficial Baling in Compact Size!!

Solis offers best tool for trouble free baling with ideal output. This twine baler is a compact but powerful machine proportionate for tractors between 24-60 HP range. The pre-eminent features like best in class pickup, efficient lubrication system & optimum roller design makes it best in league. The optional inline / offset trailing kit attachments for mini tractors helps in versatile baling operations.



Robust Drive Chains for trouble free operation

Cat 1 & Cat 2 Compatibility helps in increasing versatility of operation



Automatic Lubrication System

Ideal Bale Ejection Stand for flawless bale ejection



TECHNICAL SPECIFICATIONS

| Model Name | SLRB-0.8 | SLRB-1.15EW | SLRB-1.15J |
|--|---|----------------|--------------|
| Working Width (inch) | 31.5 | 45.3 | 45.3 |
| Bale Chamber (inch) | 27.6 | 41.3 | 41.3 |
| Bale Length (inch) | 27.6 | 41.3 | 41.3 |
| Bale Diameter (inch) | 19.7 | 19.7 | 23.6 |
| Bale Weight (lbs) | 31-37.5 | 40-48.5 | 70.5-79 |
| Binding Twine | Jute Twine / PP | | |
| No. of Rollers | 10 | 10 | 12 |
| Bale Ejection | Manual / Automatic (Optional) | | |
| Lubrication | Central Oil Lubricating System for Chains | | |
| Efficiency (Bales per hour) | 60-80 | | 40-60 |
| Tractor Forward Speed (km/hr / miles/hr) | 2-5/1.2-3.1 | | |
| Tractor Power (HP) | 24-60 | | |
| PTO RPM | 540 | | |
| Dimension (LxWxH) (inch) | 49.2x58.3x45.8 | 49.2x70.9x45.6 | 55.1x70.9x52 |
| Approx Weight (lbs) | 1025 | 1219 | 1367 |
| Tire Size | 16 x 6.50 - 6 ply -Tubeless | | |
| Drive Protection | Shear Bolt on Machine. Slip Clutch in Pickup Reel | | |

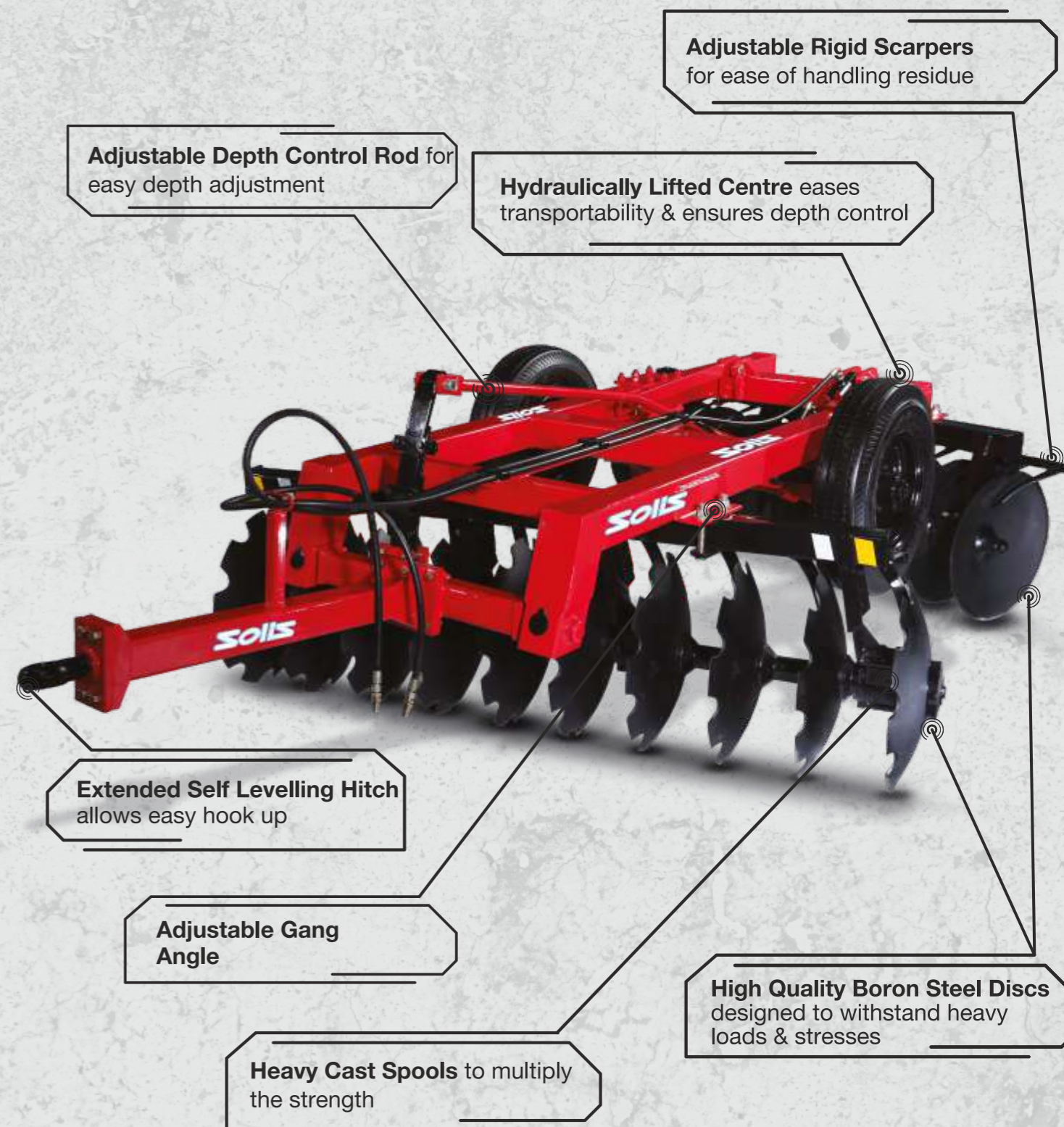
DISC HARROW

Get the Seedbed Finish Beyond Belief!

Known for its excellent performance, Solis Disc Harrow is available with multiple features & adjustments to customise the attachments according to your requirement. Whether it is about breaking the ground in your garden or fine seedbed preparation in your field, our Disc Harrow is always in wings to stand by your expectations. The high quality Boron Steel Discs, gets into the soil easily to get a finished seedbed. The easily adjustable gang angle, scrapers & disc spacing helps in customization of the Harrow.

Solis Disc Harrow range consists of :

- **Mounted Offset Disc Harrow: 20-90 HP**
- **Trailed Hydraulic Disc Harrow: 60-110 HP**





MOUNTED OFFSET DISC HARROW 20-90 HP

Built with tough frame, the Solis Mounted Offset Disc Harrow is prime choice for farmers with small as well as large acreages. This tractor mounted machine operates offset to the tractor and is used in areas where maximum soil penetration is required. The Boron Steel Discs with optimum scraper clearance helps in easy breaking of clods with easy residue flow over the scrapers. The depth control rod helps in easy depth adjustment according to requirement.

TECHNICAL SPECIFICATIONS

MOUNTED OFFSET DISC HARROW

| Model Name | Frame (inch) | Gang Bolt /Axle Type (inch) | No. of Disc | Type of Disc | Disc Diameter (inch) | Width of cut (inch) | Disc Spacing (inch) | Bearing Hubs | Weight (lbs Approx) | Tractor Power (HP) |
|------------|--|-----------------------------|-------------|---|----------------------|---------------------|---------------------|--------------|---------------------|--------------------|
| SL- DH 10M | Angle 2.5x0.3 | 1.12 | 10 | Notched Disc Front Gang & Plain Disc in Rear Gang | 18 | 42 | 8.8 | 4 | 452 | 20-26 |
| SL-DH 12 | 3x0.4 Angle Frame with 4x2 Front Channel | 1.24 (Solid Square Rod) | 12 | | | 54-56 | 9 | | 860 | 30-40 |
| SL-DH 14 | | | 14 | | | 62.4-64.4 | 9 | | 948 | 40-50 |
| SL-DH 16 | | | 16 | | 70.8-73 | 9 | 6 | 1102 | 50-60 | |
| SL-DH 18 | | | 18 | | 79.4-81.4 | 9 | 8 | 1268 | 60+ | |
| SL-DH 20 | | | 20 | | 88-90 | 9 | | 1356 | 75+ | |
| SL-DH 24 | | | 24 | | 105-107 | 9 | 8 | 1612 | 90 | |



TRAILED TYPE HYDRAULIC DISC HARROW 60-110 HP

The superficial Solis Disc Harrow is designed to deliver excellent seedbed preparation. The hydraulically operated centre tire ensures easy transportation and depth maintenance as required. The extended hitch self levels itself while operation on undulating terrain to give the best performance.

TECHNICAL SPECIFICATIONS

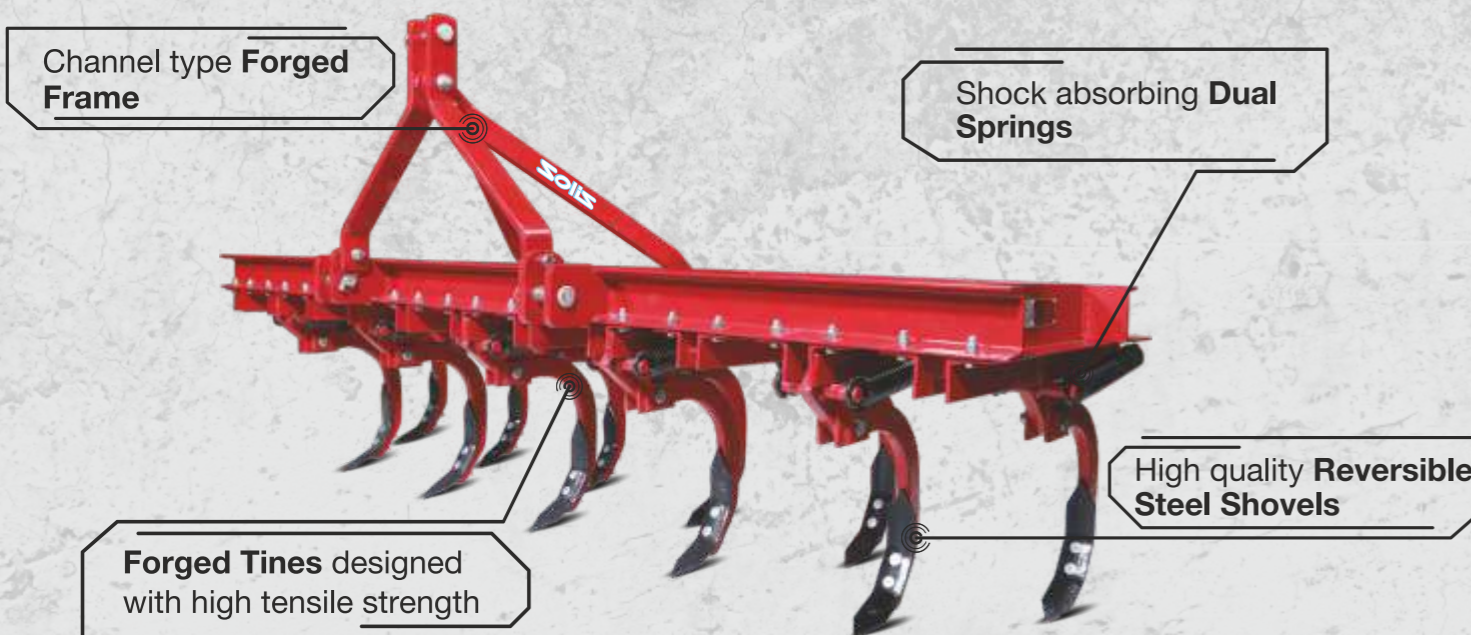
TRAILED TYPE HYDRAULIC DISC HARROW

| Model Name | No. of Disc | Type of Disc | Disc Diameter (inch) | Disc Spacing (inch) | Working Width (inch) | No. of Bearing Hubs | Gang Rod (inch) | Tire Size | Depth Control | Mounted | Weight (lbs Approx) | Tractor Power (HP) |
|------------|-------------|----------------------------|----------------------|---------------------|----------------------|---------------------|-----------------|-----------|---------------|--------------|---------------------|--------------------|
| SL-THD-18H | 18 | Front Notched & Rear Plain | 26 | 9 | 82.7 | 6 | 1.6 | 7.50-16 | Hydraulically | Trailer Hook | 3417 | 60-70 |
| SL-THD-20H | 20 | | | | 90.5 | 8 | | | | | 3638 | 70-80 |
| SL-THD-22H | 22 | | | | 98.4 | 8 | | | | | 3858 | 80-90 |
| SL-THD-24H | 24 | | | | 106.2 | 8 | | | | | 4078 | 90-100 |
| SL-THD-28H | 28 | | | | 122 | 8 | | | | | 4410 | 100-110 |

CULTIVATOR 20-100 HP

Ideal Tool for Quality Seedbed!

The Solis Double Spring Loaded Cultivator includes complete range for 20-100 HP and performs satisfactorily in small as well as large acreages. It provides optimum soil aeration, caters with weeds & helps in preparing quality seedbed with utmost efficiency. The machine features shock absorbing dual springs which ensures ideal movement of tines to ride over any obstacles and reduces damage. The easily replaceable reversible steel shovels, heavy duty frame and soil penetration upto 9 inches makes this tool best choice for the farmers. Sophisticated hydraulic folding option is also available in 15 & 17 tine cultivators to make the transportation easy when out of field.



TECHNICAL SPECIFICATIONS

| | Model Name | Spring (inch) | Tine (inch) | Shovels (inch) | Width (inch) | Length (inch) | Height (inch) | Weight (lbs Approx) | Tractor Power (HP) | | | |
|-----------------------------|------------|---------------|--|-----------------------|----------------|---------------|---------------|---------------------|--------------------|------|------|-----|
| Double Spring Loaded Series | Mini | | 0.37WD/ 1.73OD /27 Coil | 0.86x0.75 (Forged) | 0.3 (EN-45) | 32.8 | 36.6 | 308 | 20-24 | | | |
| | SL-CL-MS5 | 47.4 | | | | | | | 26-30 | | | |
| | SL-CL-MS7 | 64.5 | 375 | | | | | | | | | |
| | Heavy Duty | | 0.39 WD / 1.97 OD / 28.5 Coil | 1.97x0.98 (Forged) | 0.3 (EN-45) | 34.6 | 45.5 | 816 | 45+ | | | |
| | SL-CL-MH9 | 80.3 | | | | | | | 55+ | | | |
| | SL-CL-MH11 | 98 | | | | | | | 65+ | | | |
| | SL-CL-MH13 | 116 | | | | | | | 970 | | | |
| | SL-CL-MH15 | 138.5 | | | | | | | 1146 | 75+ | | |
| | SL-CL-HF15 | 138.5 | | | | | | | 36 | 46.1 | 1190 | 75+ |
| | SL-CL-HF17 | 156.3 | | | | | | | 1430 | 90+ | | |

*Hydraulics folding option available in 15 & 17 tyne

SUBSOILER 35-120 HP

Dig Deep Dig Hard!

It is a perfect tool to break through the hardpans for deeper root penetration. It can easily go as deep as 24 inches with its tough Boron Steel Shovels to facilitate water flow into the soil deep below. The optional tire available with 5 tine subsoiler helps in easy depth control and provides extra support while operation. This versatile machine comes with multiple options to adjust space between tines to suit your requirement.

This ideal tillage tool fuses well with all the soil types to break the deep, compact & hard soil left unworked for many years.



TECHNICAL SPECIFICATIONS

|  Model Name | SL-SS1 | SL-SS2 | SL-SS3 | SL-SS5 |
|--|--------------|-----------|-----------|------------|
|  Length (inch) | 26 | 42 | 42 | 60 |
|  Width (inch) | 27 | 70.5 | 70.5 | 132.8 |
|  Height (inch) | 49.2 | 49.2 | 49.2 | 49.2 |
|  Width of Cut (inch) | Single Shank | 29.5-31.1 | 58.7-60.2 | 116-120 |
|  Working Depth (inch) | 23.6 | 23.6 | 23.6 | 23.6 |
|  No. of Shanks | 1 | 2 | 3 | 5 |
|  Power Required (HP) | 35 to 45 | 55 to 60 | 75 to 80 | 100 to 120 |
|  Weight (lbs Approx) | 287 | 650 | 783 | 1609 |

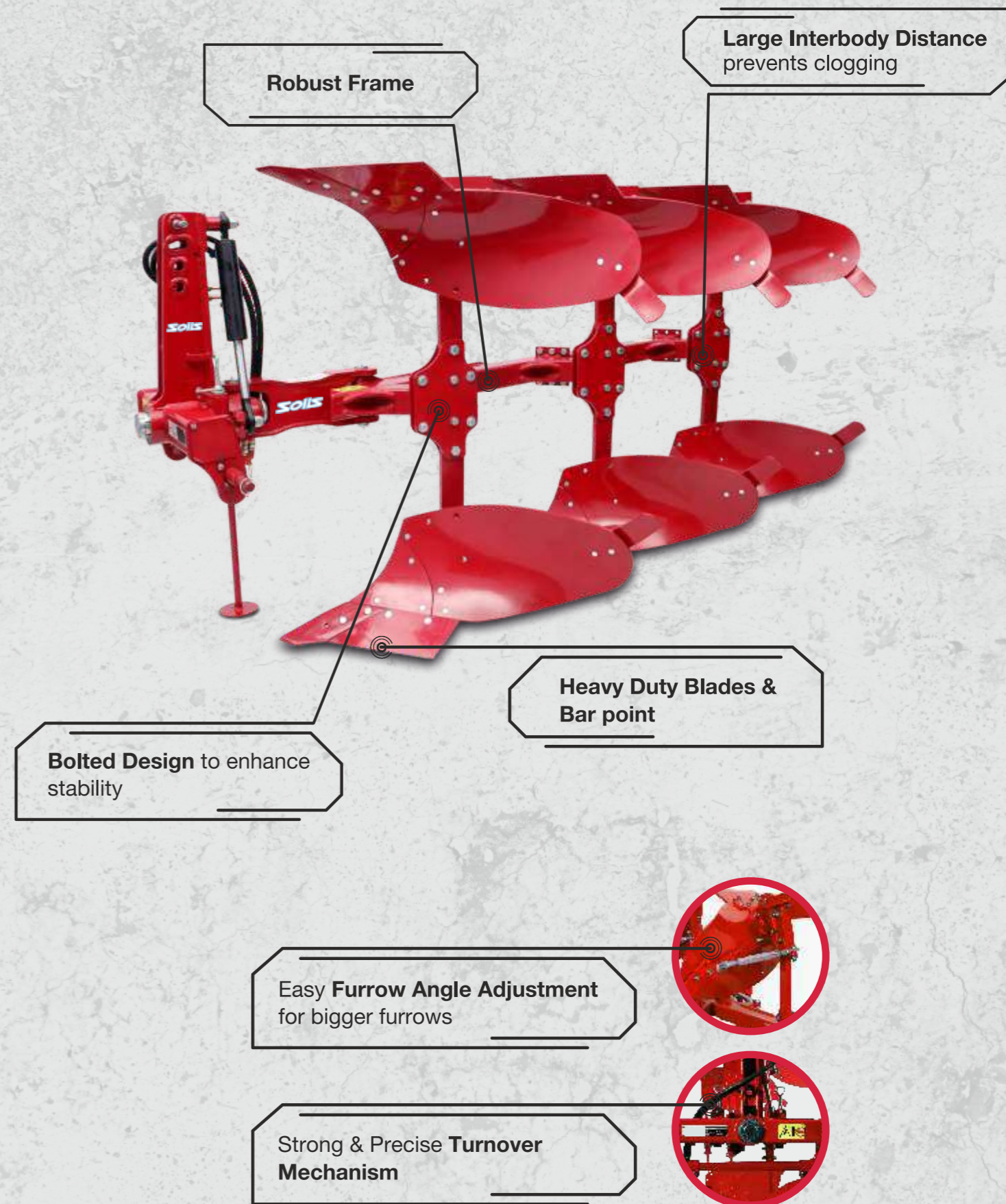
MB PLOUGH

Solis MB Ploughs, Built to Relish the Soil...

Solis MB ploughs are leveraged to cut, lift and turn any soil type effectively. The large interbody distance along with optimum ground clearance confirms minimum residue clogging while turning the soil. The safety shear bolts along with the bolted design increases overall stability of machine and makes it exemplary performer in areas under considerable stresses. The optimised stable design of the machine makes your soil fall in love with this machine.

To stand by your versatile requirements, Solis MB Plough range consists of:

- **Mini/Heavy Duty MB Plough: 20-60 HP**
- **Reversible MB Plough: 60-90 HP**





MINI/HEAVY DUTY MB PLOUGH 20-60 HP

To cater the requirement of avid gardeners or farmers with small fields, Solis brings this series of MB Plough in your service. The heavy duty plough blades, efficient bar point & robust structure of the machine helps in complete burial of crop residue and ensures optimum soil turning.

TECHNICAL SPECIFICATIONS

MINI/HEAVY DUTY MB PLOUGH

| Model Name | No. of Furrow | Frame (inch) | Draw Bar Rod (inch) | Tines (inch) | Mould Board Thickness (inch) | Bar Point (inch) | Width of cut (inch) | Weight (lbs Approx) | Tractor Power (HP) |
|---------------|---------------|--------------------------|---------------------|------------------------------|------------------------------|------------------|---------------------|---------------------|--------------------|
| SL-MP-02 MINI | 2 | 2.8X2.8 (Square Frame) | 1.8 (Solid Rod) | 1.1 Profile Cutting | 0.2 | Square 1.25 | 15.7 | 264 | 20-26 |
| SL-MP-02 | 2 | 3.14x3.14 (Square Frame) | 2 (Solid Rod) | 1.4 Profile Cut Single Piece | 0.3 | Square 1.3 | 24 | 530 | 45+ |
| SL-MP-03 | 3 | | | | | | 36 | 772 | 50+ |
| SL-MP-04 | 4 | | | | | | 4x4 (Square Frame) | 47.6 | 992 |



REVERSIBLE MB PLOUGH 60-90 HP

Solis Reversible MB Plough is specially designed to work in areas under high stresses with ideal stability and accuracy. The strong turnover mechanism helps in precise turning of machine on both sides to give optimum results. The multiple options of furrow adjustments are available to customise the machine according to your requirement. If you are looking for a robust machine with utmost strength and reliability, Solis Reversible plough is the best choice for you.

TECHNICAL SPECIFICATIONS

REVERSIBLE MB PLOUGH

| Model Name | Frame (inch) | No. of Furrow | Turnover Mechanism | Tine (inch) | Working Width (inch) | Mould Board (inch) | Plough Share (inch) | Weight (lbs Approx) | Tractor Power (HP) |
|------------|-------------------------------------|---------------|--------------------|---|----------------------|--------------------|---------------------|---------------------|--------------------|
| SL-RP-02 | 3.5x3.5x0.27 (Square Tubular Frame) | 2 | Hydraulic | 0.98 (Boron Steel) (Profile Cut Single Piece) | 24 | 0.3 | 0.6 | 970 | 60-75 |
| SL-RP-03 | 3.5x3.5x0.27 (Square Tubular Frame) | 3 | | 36 | 1235 | | | 75-90 | |

TRAILERS 18-26 HP

Loading & Hauling made easy with Solis Trailers!

Whether you have to carry crop residues, fruit from orchards or small commercial building material, Solis trailers allies with all your needs. It is available in both options i.e. tipping as well as non-tipping to satisfy you as per your requirement. The collapsible side panels built with high strength corrugated sheet helps in comfortable unloading. There is a separate brake available in front for easy parking in undulating terrain. Its eminent features like high grade hubs and axles, durable taper roller bearings & sophisticated hydraulic system makes it apt tool for small farmers & contractors.



TECHNICAL SPECIFICATIONS

| Model Name | SLSTT-1 | SLSTT-2 | SL-SNTT-1 | SL-SNTT-2 |
|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Type | TIPPING | TIPPING | NON-TIPPING | NON-TIPPING |
| Loading Capacity (lbs) | 2205 | 4409 | 2205 | 4409 |
| Dimension (inch) | 78.7x47.2x14 | 83.8x54x21 | 78.7x47.2x14 | 83.8x54x21 |
| Main Chassis (inch) | 4x2 | 4x2 | 4x2 | 4x2 |
| Floor Sheet (inch) | 0.12 | 0.12 | 0.12 | 0.12 |
| Side wall sheet (inch) | 0.08 | 0.08 | 0.08 | 0.08 |
| Tire | 500x12 | 600x16 | 500x12 | 600x16 |
| Ring Hitch Dia (inch) | 1.8 | 1.8 | 1.8 | 1.8 |
| HydCylinder Cap (M.Ton/Ton) | 2/2.2 | 3/3.3 | NA | NA |
| Axle (Break optional) (inch) | 2 | 2.5 | 2 | 2.5 |
| Axle Bearing | 32209 Inner 32209 Outer | 32209 Inner 32209 Outer | 32209 Inner 32209 Outer | 32209 Inner 32209 Outer |
| Weight (lbs) | 661 | 1323 | 550 | 1102 |
| Tractor Power (HP) | 18-26 | 20-26 | 18-26 | 20-26 |

