

Solis



WORKFORCE OF
6,000+ DEDICATED EMPLOYEES
WITH 500+ ENGINEERS IN R&D



AMONG TOP **5** TRACTOR
MANUFACTURERS
GLOBALLY*



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SOLD IN
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Solis

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SCAN ME



ATTACHMENTS THAT TRANSFORM **TOUGH RUGGED VALUE**

Versatile attachments for the diverse applications
that unlock productivity and efficiency



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OUR RANGE

A comprehensive range of products for the farm

INTEGRATED MANUFACTURING PLANT



ROBOTIC PAINTSHOP



ROBOTIC GEAR SHOP



ROBOTIC WELDING



Solis has established a state-of-the-art tractors and attachments manufacturing plant in Hoshiarpur, Punjab, with an annual capacity of 300,000 tractors and 100,000 attachments. With 10 manufacturing units, we produce a full range of tractors and farm attachments, all

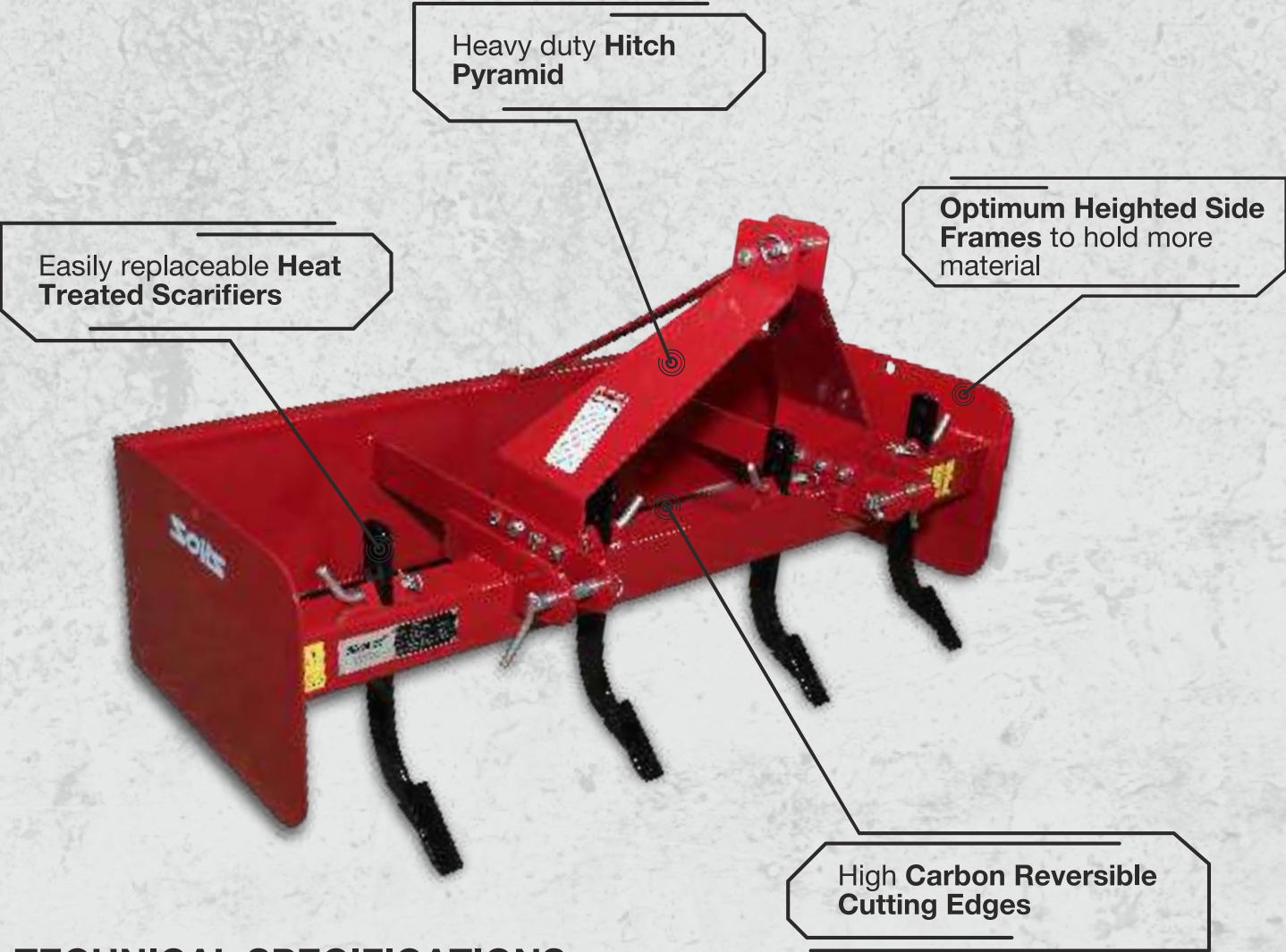
proudly made in India. Our skilled workforce ensures top-quality products, delivering complete solutions for total customer satisfaction.

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**

Heavy Duty Hitch Pyramid for efficient pulverization in tough soil conditions

Double Spring Loaded Trailing Board for better stability and smooth seedbed

Adjustable Skid Shoes for working depth adjustment

Boron Steel Wear Resistant Blades for easy penetration in all soil conditions

Robust Tubular Parking Stand for easy storage or parking

Duo Cone Mechanical Seals help in efficient tillage both in dry & wet conditions



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				42	436	25-40
	SLX 150	5	59				48	460	25-40
Xtra Medium Series	SLXM-130	4	51	Single Speed/ Multi Speed (Optional)*	Gear Drive	C Type	42	694	25-40
	SLXM-160	5	62				48	771	30-40
	SLXM-180	6	70				54	815	35-45



XM SERIES 25-45 HP

Dream of Hobby & Small Farmers!

Solis Xtra Medium (XM) Series Rotary Tiller mingles best with tractor HP range between 25-45 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	63	Multi Speed	Gear Drive	L/C	36	948	45-55
	SL AS5.5	5.5	71			L/C	36	980	50-60
	SL AS6	6	74			L/C	42	1014	60-70
	SL AS7	7	84			L/C	48	1080	70-80
	SL AS8	8	92			L/C	54	1202	75-85
	SL AS9	9	111			L/C	60	1279	70-80
	SL AS10	10	119			L/C	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:

- **Rotary Cutter: 18-60 HP**
- **Mid Mount Mowers: 24 HST**
- **Finishing Mower: 16-50 HP**
- **Flail Mowers**
 - **Pluto Series: 16-30 HP**
 - **Supreme Series: 24-80 HP**



ROTARY CUTTER

Time to cut the brush!

The Solis rotary cutter is designed for cutting the grass, weeds & bushes up to 2 inches diameter. These cutters minimize shock impact when they come in touch with stationary objects by utilizing a single spindle equipped with two free-swinging blades. Laminated tail wheel is provided to adjust the cutting height. The economically priced versatile Solis Rotary cutter comes with optional shear bolt or slip clutch protection along with front or rear chain protection. The pre-eminent features with authentic design makes it best in the league



TECHNICAL SPECIFICATIONS

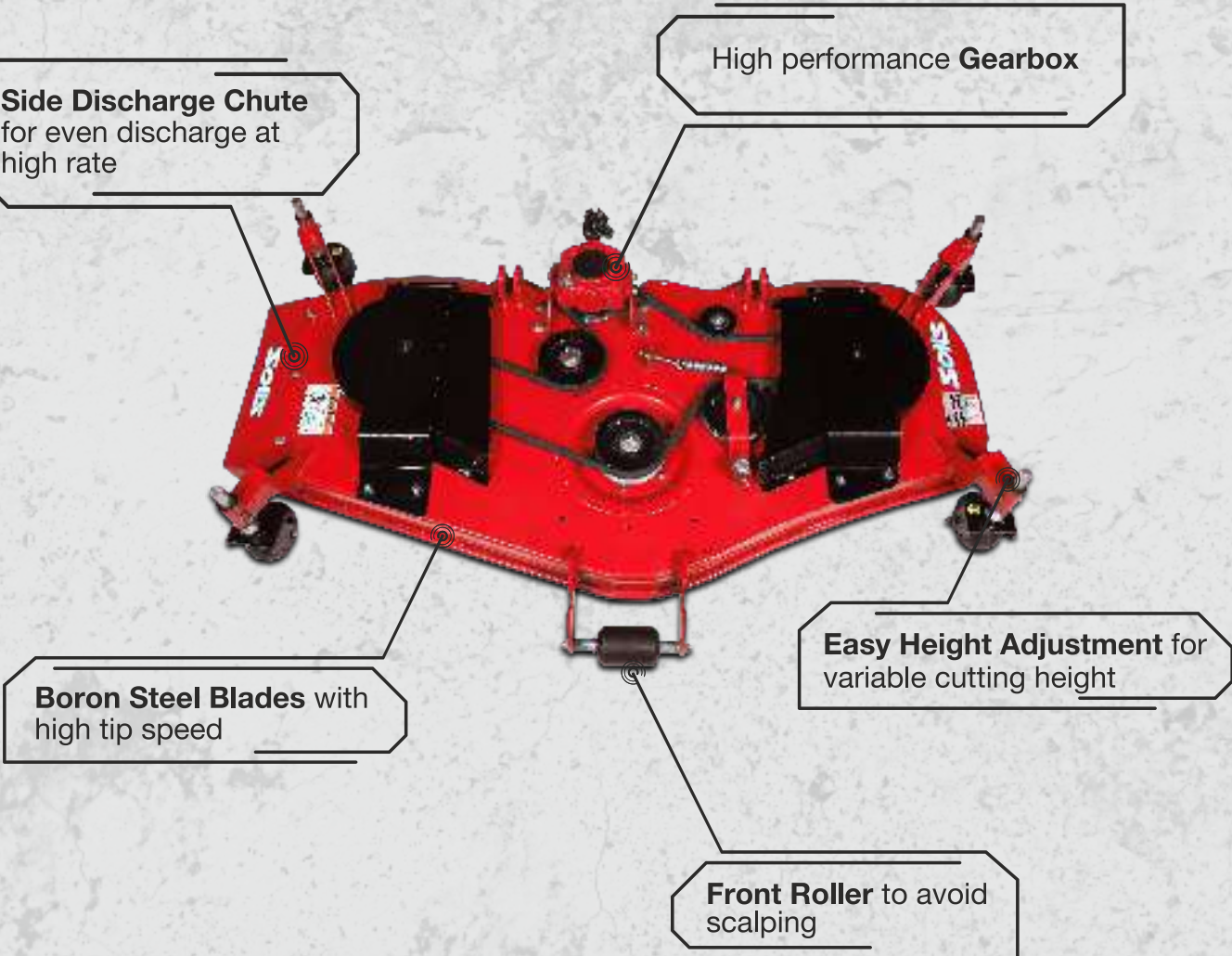
 Model Name	SL-RC-G-48	SL-RC-G-54	SL-RC-G-60	SL-RC-G-72
 Overall Width (Inches)	53	59	64	77
 Cutting width (Inches)	48	54	60	72
 Cutting height (Inches)	1.5 - 11			
 Machine approx. weight (lbs)	476	544	628	727
Deck Thickness (Gauge)	6			
 Hitch Type	Cat-I or Cat-II Std & QH			
Tractor PTO RPM	540			
Cutting capacity (Inches)	2			
Gear Box Rating (HP)	65			
Blade Tip Speed (fpm)	13689	15301	17022	20353
 No. of blades	2			
 Tractor Power HP	18-30	22-50	22-50	26-60
Blade Holder	Round			
Guarding	Optional Rubber flaps or chains			
Driveline protection	Shear bolt protection / Slip clutch			
Tailwheel	Single 15" Laminated			

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 manoeuverability, 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 manoeuverability 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

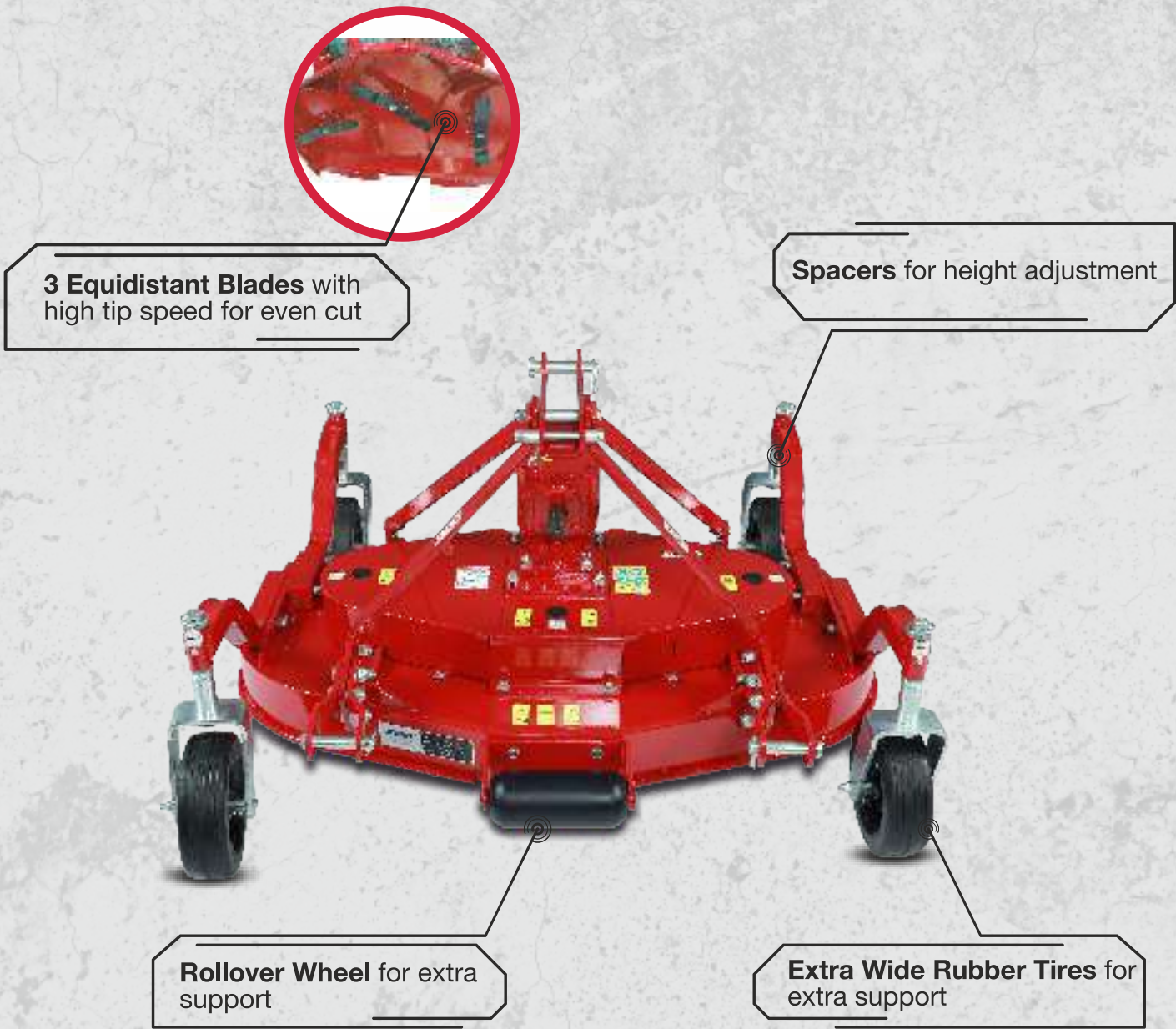
	Model Name	SLMM-60
	No. of Blades	3
	Mounting Method	Parallel Linkage
	Lift Link Type	Lower link lift
	Discharge	Side Discharge
	Cutting Width (inch)	60
	Cutting Height (inch)	1 to 5
	Overall Length (inch)	39.3
	Overall Height (inch)	13.4
	Overall Width (inch)	61
	Weight (lbs)	364
	Belt	Single C type Belt
	Blade Spindle Speed (RPM)	2717 RPM
	Blade Tip Speed (fpm)	14713
	Blade Length (inch)	20.7
	Number of Antiscalp Rollers	4+1
	Mower Deck Thickness (inch)	0.15
	Mower Deck Height (inch)	4
	Transport Height (inch)	5
	Tractor HP Required	24 HST
	Recommended Tyre Size	25 x 8.50-14 & 14 – 17.5



FINISHING MOWER 16-50 HP

Your Lawn too Deserves Best Manicure!

Solis Finishing 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)	48	59	71
 Cutting Height (inch)	1.2-4.3		
 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

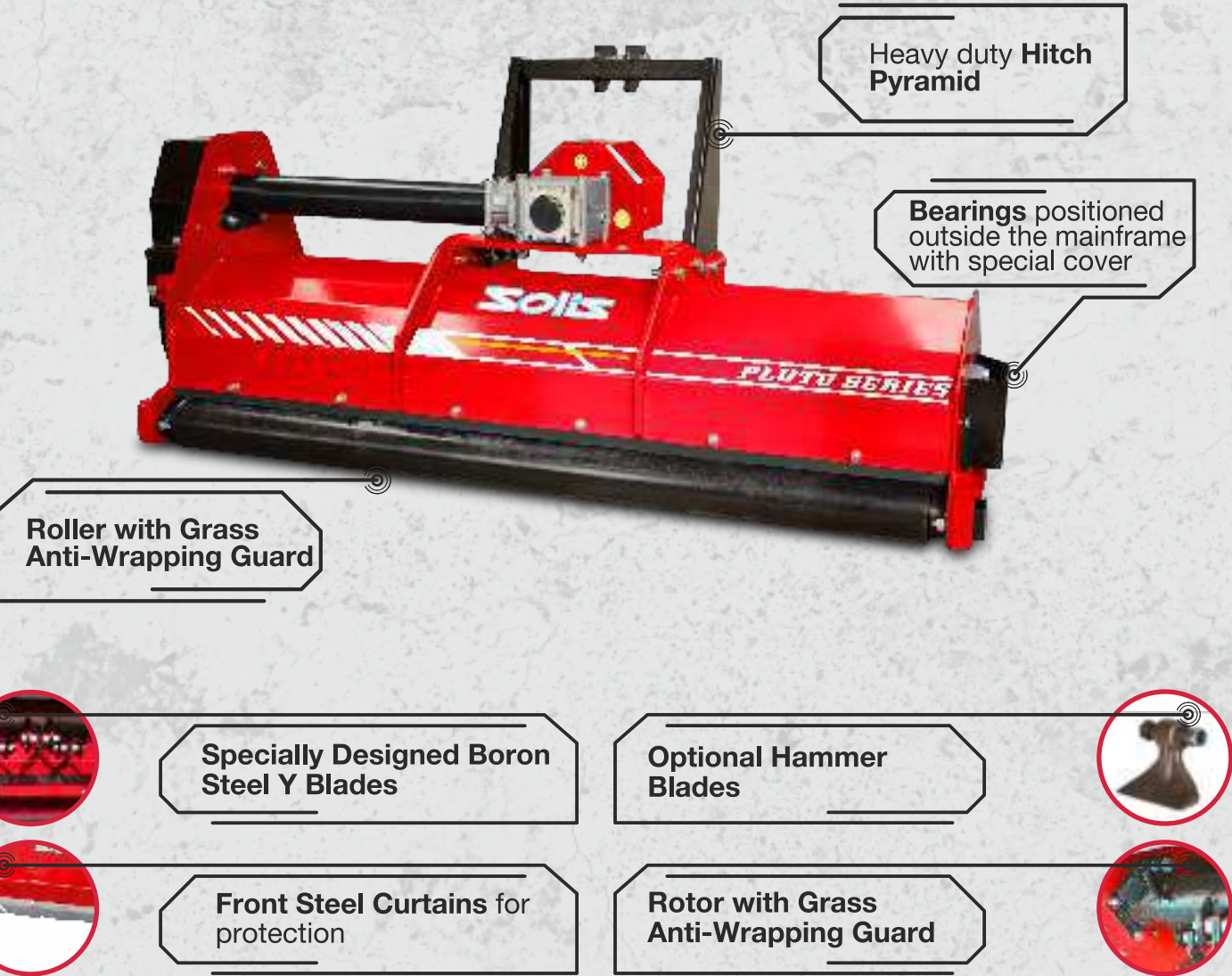
Pluto Series 16-30 HP

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.



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	16-30	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	16-30	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

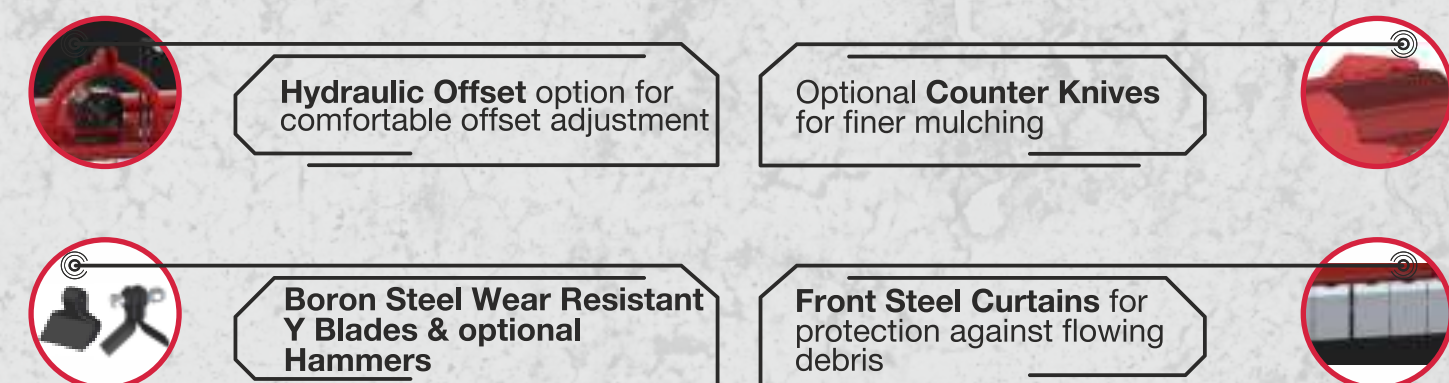
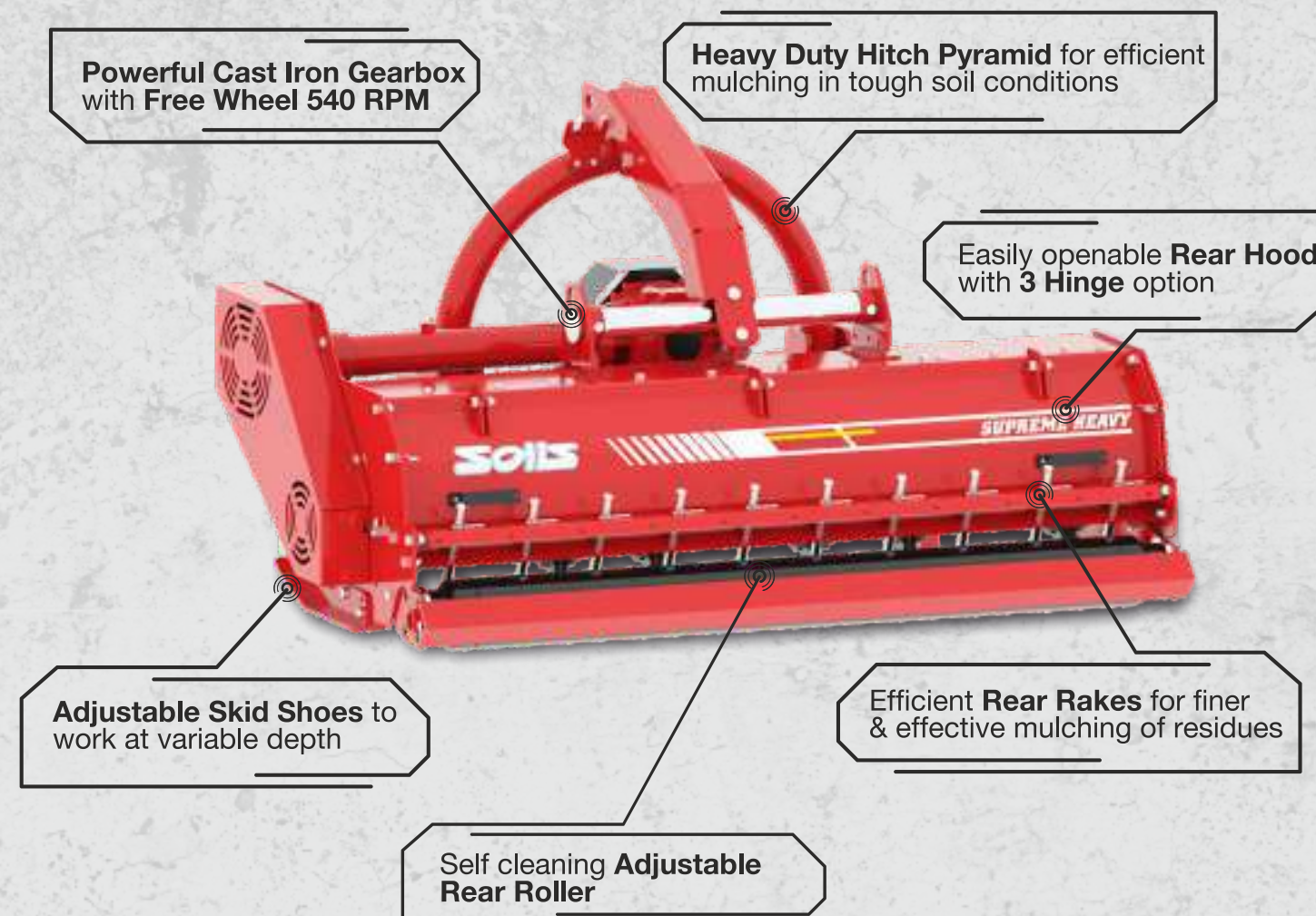
Solis Supreme series Flail Mower is built to stand strong in thick bushes, pruning & brushwood. It is designed to offer superficial performance with its pre-eminent features. It comes in light, medium and heavy duty variants with working widths ranging from 47" to 118". All three variants of Supreme 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 24-55 HP

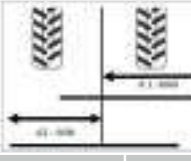
Finest Shredding Solution for Narrow Row Spacing

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	-		
	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	39			32	44	



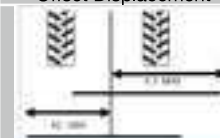
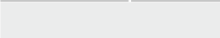
Power required: 40-60 HP
Wooden branches dia: 2.4 inches

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			-
	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

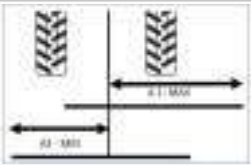
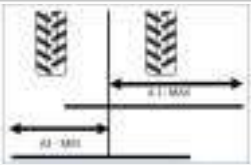
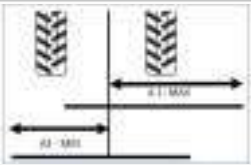
Dominant Design to Tackle Thick Woods

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 tonsures 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			-
	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	

TERRACER / REAR BLADE

A grading expert to redefine your Landscape!

Solis Rear Blade (Terracer Blade) is an ideal and economical choice for excellent levelling, removing dirt, moving gravels, opening ditches and removing snow from the driveways. They are ideal for perfect grading with rugged main frame, powerful moldboards that pivot 360°, high carbon reversible steel blades and a fold-away parking stand. It is an unrivalled grading ally for your compact tractors!



TECHNICAL SPECIFICATIONS

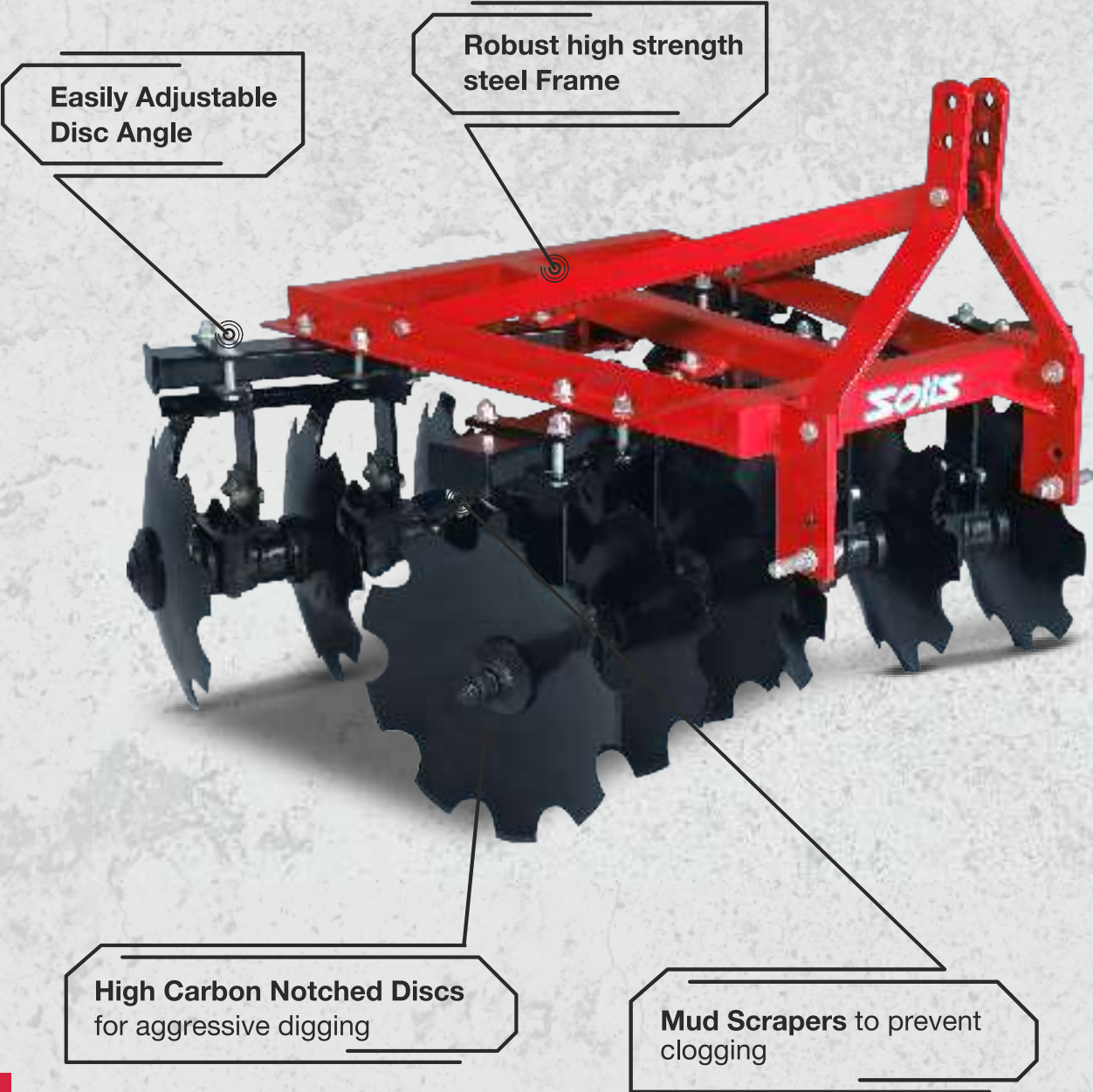
 Model Name	SL-TB-60	SL-TB-72
 Overall Length (inches)	38	38
 Overall Height (inches)	39	39
 Blade Width (inches)	60	72
 Power Required (HP)	26-30	26-30
Linkage Category	Cat-1	Cat-1
 Weight Approx (lbs)	220	242



TANDEM 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.



TECHNICAL SPECIFICATIONS

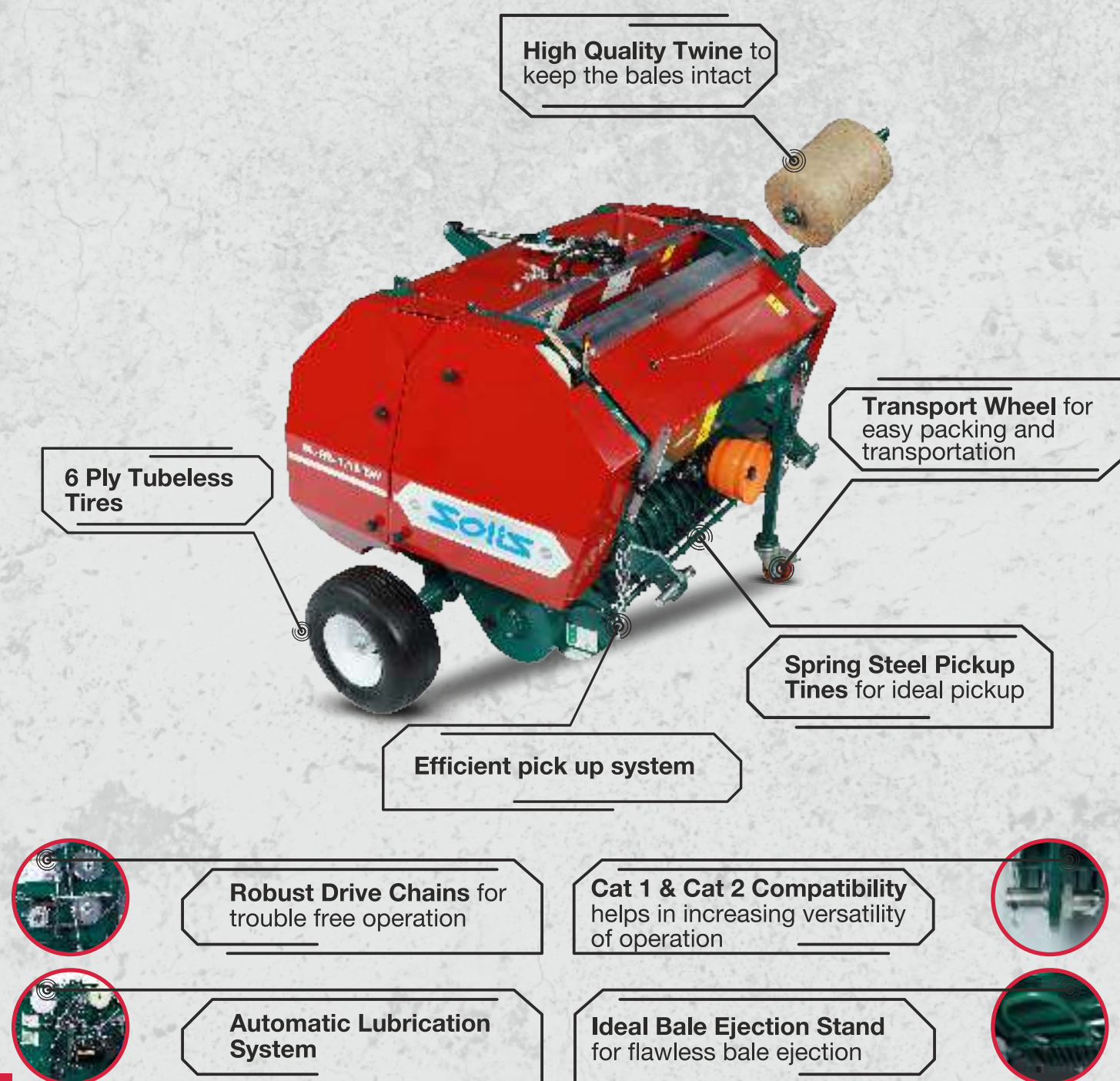
 Model Name	 No. of Disc	 Disc Diameter (inch)	 Disc Thickness (inch)	Tillage width (inches)	Overall width (inches)	Overall height (inches)	Overall length (inches)	 Distance between two discs (inches)	 Tractor Power (HP)	 Weight Approx (lbs)	Tractor Hitch
SL-TDH-12M	12	18	0.09	53	57	41.5	51	9	18-30	700	Cat-I



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.



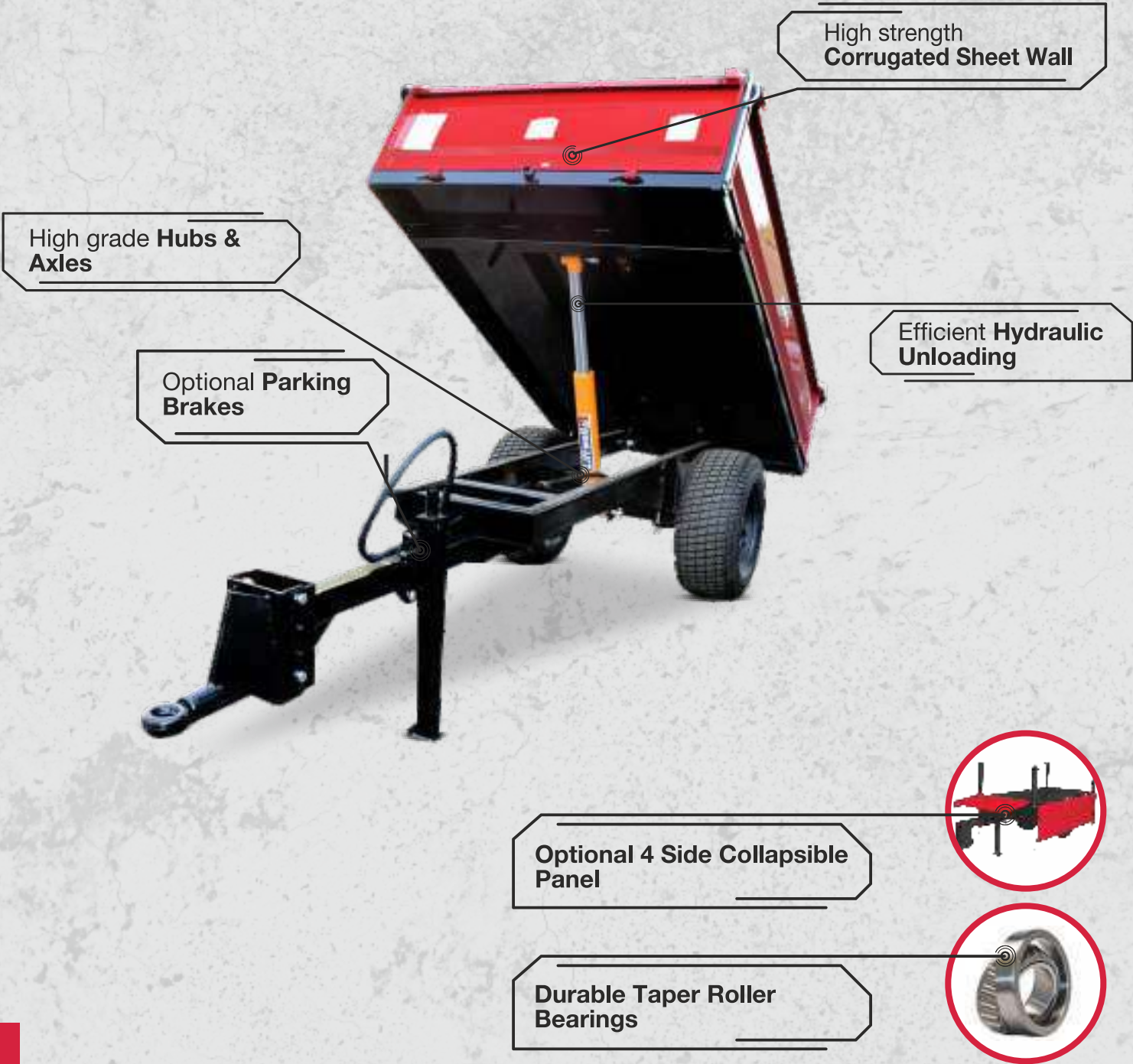
TECHNICAL SPECIFICATIONS

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		

TRAILERS 16-26 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	TS-1000	TX-1000
Type	Tipping	Tipping
 Loading capacity (lbs)	2205	2205
 Dimensions (inches)	78.4x47.2x14	
 Main Chassis (inches)	3.1x1.5	4x2
 Tyre	23x10.5x12	
 Hydraulic Capacity	2	2
 Weight (lbs)	495	660
 Recommended Tractor Power (HP)	16-26	18-26

