



34
COUNTRIES



38
PARTNERS



1,250
CUSTOMER

About Company

AN IDEA GENERATED FROM OUR PASSION FOR AGRICULTURE WAS TRANSLATED INTO THE BIRTH OF SOILMATRIX AGRI BUSINESS SOLUTIONS INTERNATIONAL PVT. LTD (S.A.B.S. INTERNATIONAL).

**Take Your
Agriculture
to the Next
Level.**



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Farm Equipment Manufacturer

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Company Profile

An idea generated from our passion for agriculture was translated into the birth of SoilMatrix Agri Business Solutions International Pvt. Ltd (S.A.B.S. International). S.A.B.S. International Pvt. Ltd. is one of the largest manufacturers of Agriculture implements and Agri Parts in the region. The company is leading in specializing in the manufacturing of Rotary Tillers and Agri Parts under the brand name of SoilMatrix.

Vision

Soil Matrix's vision is to provide advanced products recognized for superior quality by making agriculture more economical and creating additional value for all its stakeholders in a responsible manner.

Mission

The mission of SoilMatrix is to supply the most technologically advanced agriculture equipment around the globe, which is acknowledged for superior quality, reliability, and the best after-sales service.

Quality Policy

At S.A.B.S. International Pvt. Ltd, we ensure that all our products exceed customer expectations, in both quality and performance, by following the latest and modern art manufacturing procedures for our products. All our products are CE-certified and have ISO 9001:2015.

Commitment

Innovation and customized machines are the Pillars of S.A.B.S. International Pvt. Ltd enabling farmers around the globe to maximize the fertility of the land by maximizing the performance of every crop, under the most challenging circumstances.



Robotics Technology



3.



Assembling Unit



Finished Product

3.

S.A.B.S. INTERNATIONAL PVT. LTD.

4.

Corporate Clients



Certified To International Quality & Safety Standards



Our Product Portfolio



ROTAVATORS

S.A.B.S. INTERNATIONAL PVT. LTD.

Compact Model Disc Harrow



Extra Heavy Duty Hydraulic Harrow



DESCRIPTION	SXCMDHAAA-24-18	SXCMDHAAA-26-18	SXCMDHAAA-24-20	SXCMDHAAA-26-20
Gang Bolt / Axle (mm / inch)		32 / 1.3" (Solid Sq. Rod)		
No. of Disc	18	18	20	20
Type of Disc		Notched Disc in Front Gang & Plain Disc in Rear Gang		
Disc Diameter (mm / inch)		610 / 24" x 4.5 (T) or 660 / 26" x 6 (T)		
Tillage Width (mm / inch Approx.)	2128 / 84"		2345 / 92"	
Distance Between Discs		228 mm / 9"		
Bearing Hubs		8		
Weight (Kg. / Lbs. Approx.)	960 / 2116	1070 / 2359	1095 / 2414	1200 / 2646
Tractor Power (HP)	60-70	60-70	70-80	70-80

DESCRIPTION	SXEHDHH-26-24	SXEHDHH-26-28	SXEHDHH-26-32	SXEHDHH-26-36
Gang Bolt/ Axe (mm/inch)		40/1.6" (Solid Sq. Rod)		
No. of Disc	24	28	32	36
Type of Disc		Notched Disc In Front Gang & Plain Disc In Rear Gang		
Disc Diameter (mm)		660 x 6T (26") or 710 x 7 T (28")		
Width of Cut (mm/inch Approx.)	2700 / 106"	3100 / 122"	3500 / 138"	3900 / 153"
Distance Between Discs (mm/inch)		228 / 9"		
Tyre Size		13.0/55-16 (14 PR), 400/60-15.5 (18 PR)		
Bearing Hubs		8		12
Weight (Kg. / Lbs. Approx.)	2674 / 5895	2806 / 6186	2958 / 6521	3150 / 6944
Weight With Dead Weight (Kg./ Lbs. Approx.)	3174* / 6997*	3306*/7288*	3458*/7623*	3650*/8046*
Tractor Power (hp)	125-140*	145-165*	170-200*	210-235*

*Due to additional dead weight extra heavy duty hydraulic harrow operates on higher range of tractor (HP)

Heavy Duty Hydraulic Harrow



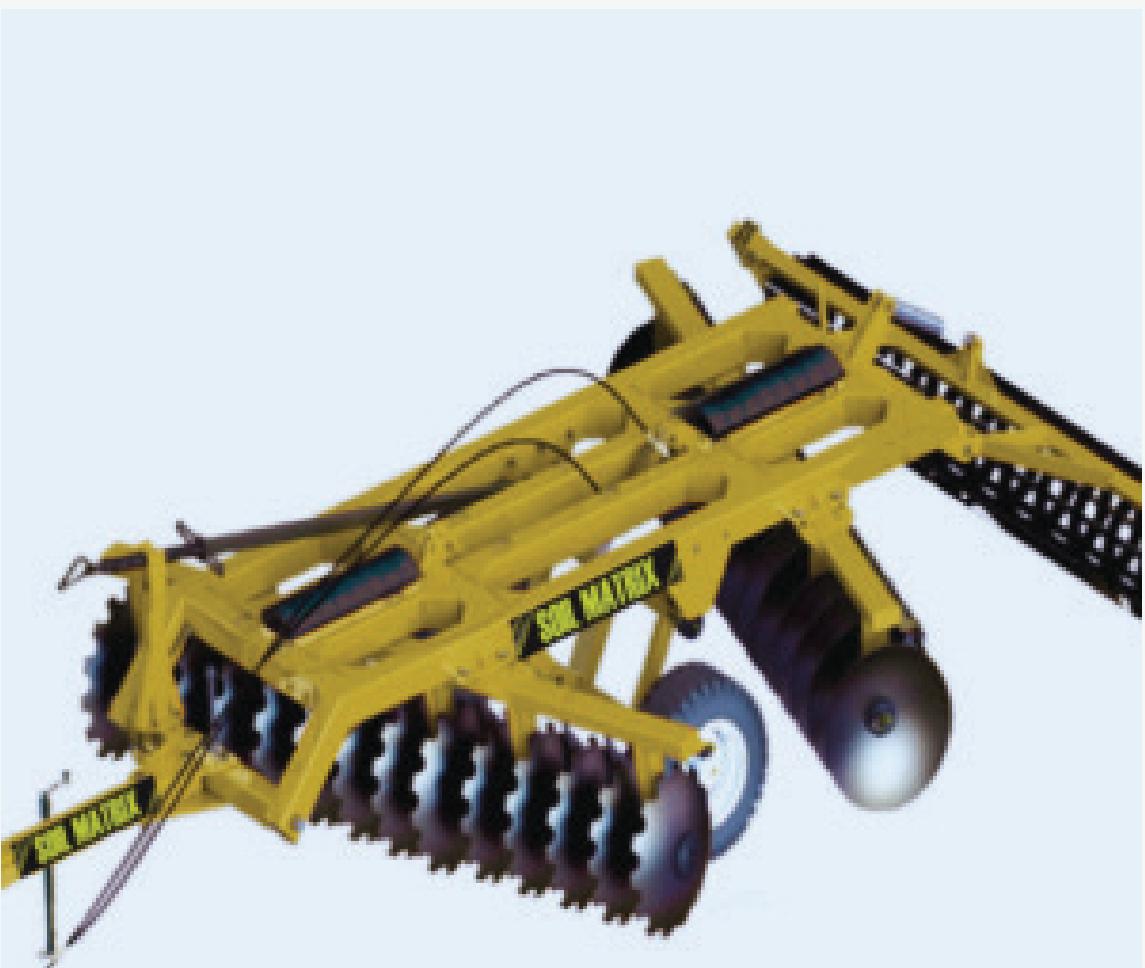
DESCRIPTION	SXLDHH-26-18	SXLDHH-26-20	SXLDHH-26-22	SXLDHH-26-24	SXLDHH-26-28	SXLDHH-26-32		
Gang Bolt / Axle (mm / inch)	40 / 1.6" (Solid Sq. Rod) with both side nut provision							
No. of Disc	18	20	22	24	28	32		
Type of Disc	Notched Disc In Front Gang & Plain Disc In Rear Gang							
Disc Diameter (mm)	610 x 4.5T (24") or 660 x 6 T (26")							
Tillage Width (mm / inch Approx.)	2100 / 82"	2300 / 90"	2500 / 98"	2700 / 106"	3100 / 122"	3500 / 137"		
Distance Between Discs (mm)	228 / 9"							
Tyre Size	10.0/75-15.3 (8-16 PR)		10.0/75-15.3 (8-16 PR), 13.0/55-16 (14 PR), 400/60-15.5 (18 PR)					
Bearing Hubs	6	8						
Weight (Kg. / Lbs. Approx.)	1535 / 3384	1630 / 3593	1710 / 3770	1845 / 4067	2015 / 4442	2170 / 4784		
Tractor Power (HP)	50-70		115-135		140-165		170-190	

Harrow



DESCRIPTION	SXMODHHS-18	SXMODHHS-20	SXMODHHS-22	SXMODHHS-24	SXMODHHS-26
Frame (mm / inch)	125 / 5" x 65 / 2.5" x 6 (Tubular Frame)				
Gang Bolt / Axle (mm)	32 (Solid Sq. Rod)				
No. of Disc	18	20	22	24	26
Type of Disc	Notched Disc In Front Gang & Plain Disc In Rear Gang				
Disc Diameter (mm/ inch)	560 x 4 T (22")				
Width of Cut (mm/ inch Approx.)	2034 / 80"	2259 / 89"	2484 / 98"	2709 / 107"	2934 / 116"
Distance Between Discs (mm/ inch)	225 / 9"				
Bearing Hubs	8				
Weight (Kg./Lbs. Approx.)	645 / 1422	685 / 1510	770 / 1698	810 / 1786	850 / 1874
Tractor Power (HP)	60-70	70-80	80-90	90-100	100-110

Heavy Duty Hydraulic Harrow



DESCRIPTION	SXUSHDH-28-24	SXUSHDH-28-28	SXUSHDH-28-32	SXUSHDH-28-36
Gang Axle (mm / inch)		40 / 1.6" (Solid Sq. Rod)		
No. of Disc	24	28	32	36
Type of Disc	Notched Disc In Front Gang & Plain Disc In Rear Gang			
Disc Diameter (mm)	710 x 7 T (28")			
Tillage Width (mm / inch Approx.)	3118 / 123"	3658 / 144"	4198 / 165"	4738 / 187"
Distance Between Discs (mm / inch)	270 / 11"			
Tyre Size	400/60-15.5 (18 PR)			
Bearing Hubs	8	12		
Weight Without Crumbler (Kg. / Lbs. Approx.)	3004 / 6622	3492 / 7698	3980 / 8774	4468 / 9850
Weight With Crumbler (Kg. / Lbs. Approx.)	3379 / 7449	3942 / 8690	4505 / 9931	5068 / 11173
Tractor Power (HP)	125-140*	145-165*	170-200*	210-235*

*Due to additional dead weight extra heavy duty hydraulic harrow operates on higher range of tractor (HP)

Disc Plough



DESCRIPTION	SXMDPD-2	SXMDPD-3
Axle Type		Spindle
No. of Disc	2	3
Mounted Cat		Cat - II
Type of Disc	Plain Disc	
Disc Diameter (mm)	660 x 6 T (26")	
Disc Spacing (mm / inch)	570 / 22"	
Tillage Width (mm / inch Approx.)	(500 / 20" - 550 / 22")	(875 / 34" - 925 / 36.4")
Bearing Hubs	2	3
Weight (Kg. / Lbs. Approx.)	385 / 849	455 / 1003
Tractor Power (HP)	50-60	65-75

Fixed Mould Board Plough



DESCRIPTION	SXJMBP-36-2	SXJMBP-36-3	SXJMBP-36-4
Number of Furrow	2	3 (2+1 Optional)	4 (3+1 Optional)
Frame Box (mm / inch)		118 / 5" x 118 / 5" x 9 mm	
Tyne (Boron Steel) (mm / inch)		80 / 3.1" x 36 / 1.4"	
Mould Board (mm)		8	
Plough Shear (mm)		10	
Point (mm / inch)		100 / 4" x 15 mm (Forged)	
Head Stock (mm / inch)		118 / 5" x 118 / 5" x 9 mm	
Tillage Width (mm / inch Adjustable) ↕	700 / 28"	1010 / 40"	1310 / 52"
Working Depth (mm / inch) ↘		280 / 11"	
Safety		Shear Bolt	
Depth Wheel (Optional)	No	Yes	Yes
Weight (Kg. / Lbs. Approx.)	350 / 772	420 / 926	530 / 1168
Tractor Power (HP)	50-70	70-90	90-110

Reversible MB Plough



DESCRIPTION	SXMRMBPH-2
Number of Furrow	2
Draw Bar Rod (mm / inch)	50 / 2" (Solid Rod)
Tyne (mm)	40 / 1.6" (Profile Cut Single Peace)
Length & Height (mm / inch)	1855 / 73" & 1370 / 54"
Blade (mm / inch)	545 / 21" x 100 / 4" x 10 / 0.4"
Mould Board (mm)	8 (T)
Plough Share (mm)	10 (T)
Bar Point (mm / inch)	40 / 1.6" x 25 / 1" (T) Forged
Tillage Width (mm / inch)	685 / 27"
Depth of Cut (max. mm / inch) ↗	355 / 14"
Weight (Kg. / Lbs. Approx.)	410 / 904
Tractor Power (HP)	45-50

Mounted Disc Plough



Mounted Mould Board Plough



DESCRIPTION	SXMDP-2	SXMDP-3	SXMDP-4	SXMDP-5
Axle Type			Spindle	
Drawbar Type			Round / Hexagonal	
No. of Disc	2	3	4	5
Mounted Cat.		Cat - II		Cat - II / III
Type of Disc			Notched or Plain Disc (Optional)	
Disc Diameter (mm)			660 x 6 T (26") or 710 x 7 T (28")	
Disc Spacing (mm / Inch)			570 / 23"	
Tillage Width (mm / Inch Approx.)	500 / 20" - 550 / 21"	875 / 34" - 925 / 36"	1150 / 45" - 1200 / 47"	1575 / 62" - 1625 / 64"
Bearing Hubs	2	3	4	5
Weight (Kg. / Lbs. Approx.)	310 / 684	415 / 915	510 / 1125	620 / 1367
Tractor Power (HP)	50-60	65-80	85-100	105-125

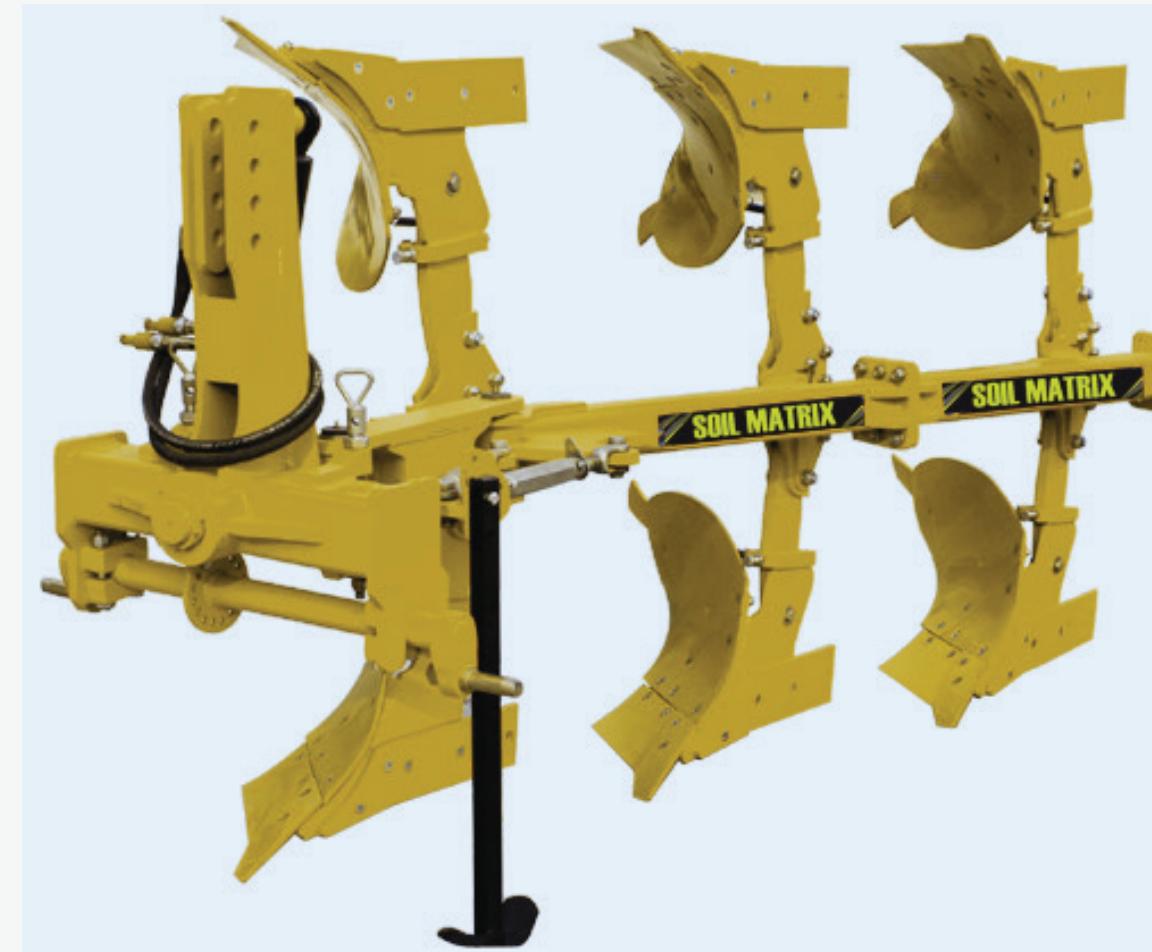
DESCRIPTION	SXMBP36-2	SXMBP36-3	SXMBP36-4
Furrow	2	3	4
Draw Bar Rod (mm / Inch)		50 / 2" (Solid Rod)	
Tyne (mm)	25 / 1"-36/1.4" (Profile Cut Single Piece)	36/1.4" (Profile Cut Single Piece)	
Length (mm / Inch)	1300 / 51"	1880 / 74"	2460 / 97"
Height (mm / Inch)		1066 / 42"	
Blade		10 mm (T)	
Mould Board		8 mm (T)	
Bar Point (mm / Inch)		40/1.5" x 25 mm (T) Bar (Forged)	
3 Point Linkage Lever & Connecting Rod (mm / Inch)		65 / 2.5" x 16 mm (T) Flat & 32 mm (T) Square	
Width of Cut (mm / Inch)	710 / 28"	1010 / 40"	1310 / 52"
Depth of Cut (mm / Inch)		350 / 14"	
Weight (Kg. / Lbs. Approx.)	212 / 467 - 235 / 518	350 / 771	455 / 1003
Tractor Power (HP)	45-60	65-75	80-95

Reversible Manual Plough



DESCRIPTION	SXKRMBPM-2
Furrow	2
Draw Bar Rod (mm / inch)	50 / 2" (Solid Rod)
Tyne (mm / inch)	40 / 1.5" (Profile Cut Single Piece)
Length (mm / inch)	1855 / 73
Height (mm / inch)	1270 / 50"
Blade (mm / inch)	545 / 21.4" x 100 / 4" x 10 mm
Mould Board	8 mm
Bar Point (mm / inch)	40 / 1.5" x 25 mm Bar (Forged)
Width of Cut (mm)	660 / 26"
Depth of Cut (mm)	355 / 14"
Weight (Kg. / Lbs. Approx.)	390 / 860
Tractor Power (HP)	45-50

Reversible Mould Board Plough



DESCRIPTION	SXRMBPH-25-36-2	SXRMBPH-25-36-3
Number of Furrow	2	3 (2+1 Optional)
Tyne (mm / Inch)	80 / 3.1" x 36 / 1.4"	
Mould Board	8 mm (T)	
Plough Share	10 mm (T)	
Point	100 / 3.9" x 15 mm (T) Forged	
Head Stock Bearing	32213, 33015	
Turnover Mechanism	Hydraulic	
Tillage Width (mm / Inch)	700 / 28"	1050 / 41"
Depth of Cut (max. mm / Inch)	355 / 14"	
Weight (Kg. / Lbs. Approx.)	430 / 948 - 460 / 1014	590 / 1300 - 635 / 1400
Safety	Shear Bolt	
Tractor Power (HP)	55-70	75-100

Smart Rotary Tiller



Hydraulic Shifting Rotary Tiller



DESCRIPTION	SXRTHSG-080	SXRTHSG-100	SXRTHSG-120	SXRTHSG-140	SXRTHSG-160	SXRTHSG-180	SXRTHSG-200	SXRTHSG-220
Tillage Width (mm / inch)	800 / 31"	1000 / 39"	1200 / 47"	1400 / 55"	1600 / 63"	1800 / 71"	2000 / 79"	2200 / 87"
Gear Box (rpm)	Single Speed (15x22)				Single Speed (11x20)			
Side Transmission				Chain Drive / Gear Drive				
Type of Blades				Small L & C Type				
No. of Blades	24	30	36	42	48	54	60	66
PTO Speed (rpm)				540				
Gear Box Overload Protection				Shear Bolt / Slip Clutch				
Weight (Kg./Lbs. Approx.)	170 / 375	187 / 412	203 / 447	280 / 617	300 / 661	320 / 705	360 / 794	390 / 860
Tractor Power (HP)	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55

DESCRIPTION	SXHSSGRT-175-04	SXHSSGRT-200-04	SXHSSGRT-255-04
Overall Length (mm / inch)	1925 / 76"	2180 / 86"	2435 / 96"
Overall Width (mm / inch)		1000 / 39"	
Overall Height (mm /inch)		1150 / 45"	
Tillage Width (mm / inch)		1805 / 71"	
Category		CAT-2	
Frame Offset (mm / inch)		400 / 16"	
Number of Blades	42	48	54
Max Working Dept (mm / inch)		152 / 6"	
Weight (Kg./ Lbs. Approx.)	550 / 1213	580 / 1279	620 / 1367
Tractor Power (HP)	45-50	50-65	75-90

Regular Multi Speed



Regular Single Speed



DESCRIPTION	SXRTMG-100	SXRTMG-125	SXRTMG-150	SXRTMG-175	SXRTMG-200	SXRTMG-225	P.T.O RPM	A B	ROTOR R.P.M (C/D) 18:33:28 / 19:33:25			
Tillage Width (cm / inch)	100 / 39"	125 / 49"	150 / 59"	175 / 69"	200 / 79"	225 / 89"	540	A B	144 / 170 226 / 266 202 / 238 162 / 190 129 / 152 253 / 299 181 / 213 213 / 251			
Gearbox	Multi (4 Speed)											
Side Transmission	Gear Drive											
Type of Blades	L / C / J											
No. of Flanges	4 / 4 / 6	5 / 5 / 8	6 / 6 / 10	7 / 7 / 12	8 / 8 / 14	9 / 9 / 16						
No. of Blades	24 / 24 / 36	30 / 30 / 48	36 / 36 / 60	42 / 42 / 72	48 / 48 / 84	54 / 54 / 96						
Gear Box Overload Protection	Shear Bolt / Slip Clutch											
Weight (Kg./Lbs. Approx.)	380 / 838	410 / 904	440 / 970	470 / 1036	500 / 1102	530 / 1168						
Tractor Power (HP)	25-35	35-40	40-45	45-50	50-60	60-70						

*Rotor r.p.m with individual gear drive denoted by C/D represents 18:33:28 / 19:33:25 respectively.

DESCRIPTION	SXRTSG 100	SXRTSG 125	SXRTSG 150	SXRTSG 175	SXRTSG 200
Tillage Width (cm / inch)	100 / 40"	125 / 50"	150 / 60"	175 / 70"	200 / 80"
Gear Box	Single Speed (11 x 20)				
Side Transmission	Gear Drive				
Type of Blades	L / C / J				
No. of Flanges	4 / 4 / 6	5 / 5 / 8	6 / 6 / 10	7 / 7 / 12	8 / 8 / 14
No. of Blades	24 / 24 / 36	30 / 30 / 48	36 / 36 / 60	42 / 42 / 72	48 / 48 / 84
Gear Box Overload Protection	Shear Bolt / Slip Clutch				
Weight (Kg./Lbs. Approx.)	350 / 770	380 / 836	410 / 902	440 / 968	470 / 1034
Tractor Power (hp)	25-35	35-40	40-45	45-50	50-60

*Different rpm can be achieved by using different side gear ratio i.e. 190 rpm with 18:33:28 & 225 rpm with 19:33:25

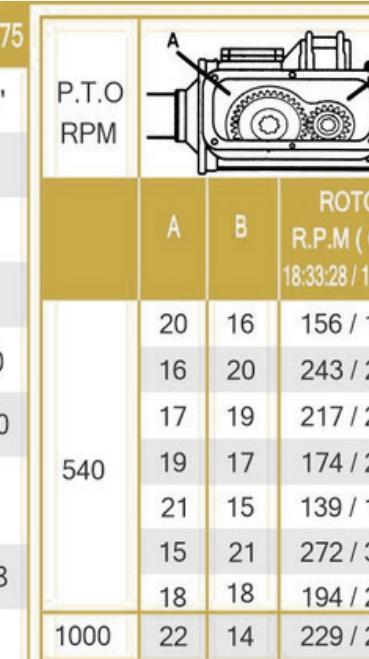
Heavy Duty Multi Speed



Heavy Duty Single Speed



DESCRIPTION	SXDRTSG-125	SXDRTSG-150	SXDRTSG-175	SXDRTSG-200	SXDRTSG-225	SXDRTMG-250	SXDRTMG-275
Tillage Width (cm / inch)	125 / 49"	150 / 59"	175 / 69"	200 / 79"	225 / 89"	250 / 98"	275 / 108"
Gearbox	Multi (4 Speed)						
Side Transmission	Gear Drive						
Type of Blades	L / C / J						
No. of Flanges	5/ 5/ 8	6/ 6/ 10	7/ 7/ 12	8/ 8/ 14	9/ 9/ 16	10/ 10/ 18	11/ 11/ 20
No. of Blades	30/ 30/ 48	36/ 36/ 60	42/ 42/ 72	48/ 48/ 84	54/ 54/ 96	60/ 60/ 108	66/ 66/ 120
Gearbox Overload Protection	Shear Bolt / Slip Clutch						
Weight (Kg./Lbs Approx.)	450 / 992	480 / 1058	510 / 1124	540 / 1190	570 / 1257	600 / 1322	630 / 1388
Tractor Power (HP)	35-40	40-45	45-50	50-60	60-70	70-80	80-90

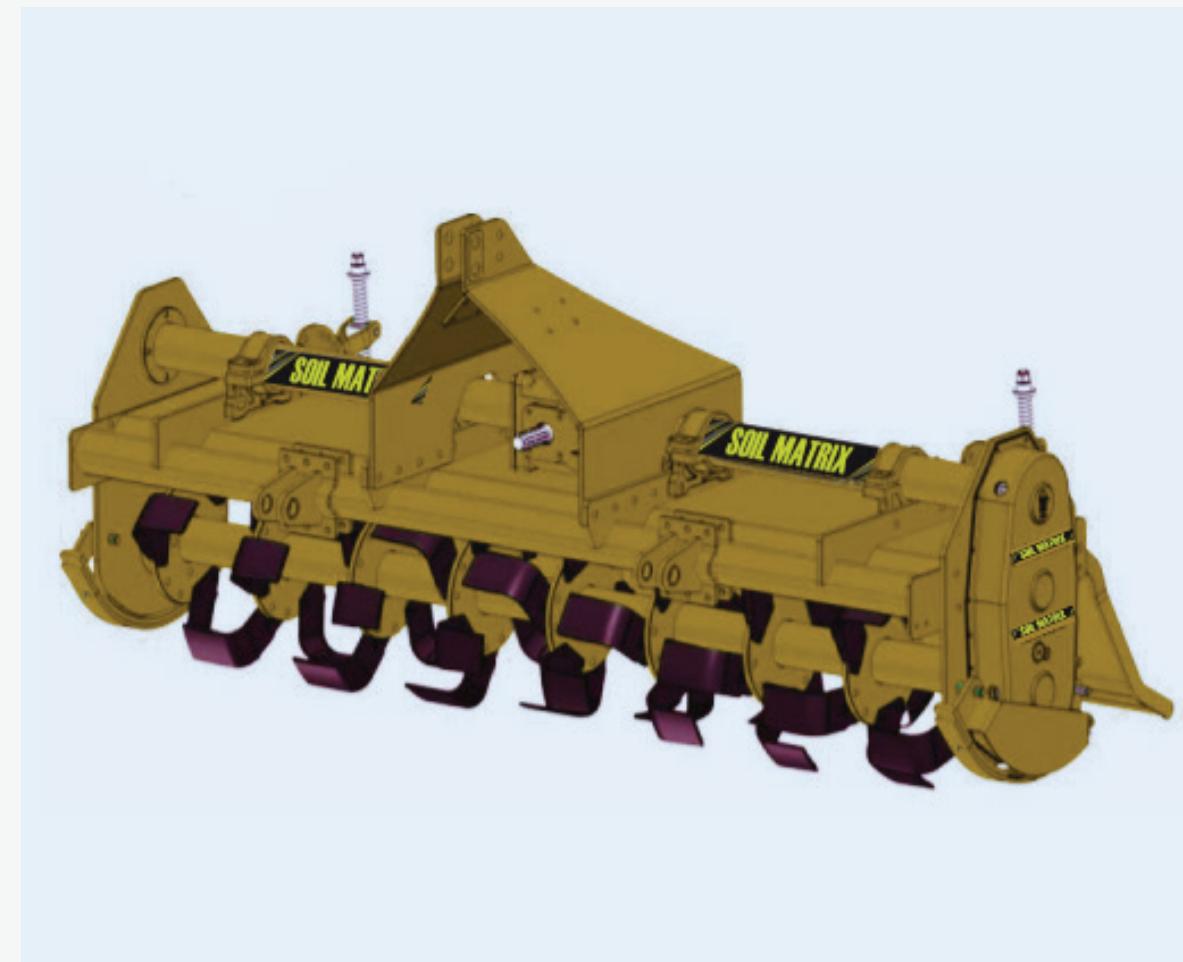


DESCRIPTION	SXDRTSG-125	SXDRTSG-150	SXDRTSG-175	SXDRTSG-200	SXDRTSG-225
Tillage Width (cm/ Inch)	125 / 50"	150 / 60"	175 / 70"	200 / 80"	225 / 90"
Gearbox	Single Speed (540 RPM)				
Side Transmission	Gear Drive				
Type of Blades	L / C / J				
No. of Flanges	5/ 5/ 8	6/ 6/ 10	7/ 7/ 12	8/ 8/ 14	9/ 9/ 16
No. of Blades	30/ 30/ 48	36/ 36/ 60	42/ 42/ 72	48/ 48/ 84	54/ 54/ 96
Gear Box Overload Protection	Shear Bolt / Slip Clutch				
Weight (Kg./ Lbs. Approx.)	420 / 926	450 / 992	480 / 1058	510 / 1124	540 / 1190
Tractor Power (HP)	35-40	40-45	45-50	50-60	60-70

*Rotor r.p.m with individual gear drive denoted by C/D represents 18:33:28 / 19:33:25 respectively.

*Different rpm can be achieved by using different side gear ratio i.e. 194 rpm with 18:33:28 & 230 rpm with 19:33:25

Extra Heavy Duty



Tiller



DESCRIPTION	SXDRTMG-175	SXDRTMG-200	SXDRTMG-225	SXDRTMG-250	P.T.O RPM	A	B
Tillage Width (cm)	175	200	225	250			
Gearbox			Multi (4 Speed)				
Side Transmission							
Type of Blades			Gear Drive				
No. of Flanges	7	8	9	10			
No. of Blades	42	48	54	60			
Gearbox Overload Protection			Shear Bolt / Slip Clutch				
Weight (Kg. Approx.)	560	590	630	660			
Tractor Power (HP)	45-50	50-60	60-70	70-80	1000	22	14
							270

*The weight and working data contained in the present creative are supplied for information only and are not binding. Specification and size can be altered as per of

DESCRIPTION	SXSLOB-7	SXSLOB-9	SXSLOB-11	SXSLOB-13	SXSLOB-15
Tynes (mm / inch)			50 / 2" x 19 mm (T) Forged		
3 Point Linkage (mm / inch)				50 / 2" x 12	
Shovels (mm)					8 (EN-45)
Length (mm / inch)	1543 / 61"	2000 / 78"	2457 / 97"	2914 / 115"	3371 / 133"
Width (mm / inch)			712 / 28"		
Height (mm / inch)				533 / 21"	
Weight (Kg. / Lbs. Approx.)	160 / 353	210 / 463	260 / 573	310 / 683	360 / 793
Tractor Power (HP)	25-35	40-45	50-55	60-65	70-75

Cultivator



Double Coil Tyne Tiller



DESCRIPTION	SXDRHD-7	SXDRHD-9	SXDRHD-11
Tynes (mm / inch)		70 / 2.7" x 25 / 1" (Forged EN-9)	
Side Flat (mm / inch)		125 / 5" x 10 mm (T)	
Shovels		High Carbon	
Three Point Linkage (mm / inch)		65 / 2.6" x 16 / 0.6"	
Length (mm / inch)	1682 / 66"	2140 / 84"	2598 / 102"
Tillage Width (mm / inch)	1373 / 54"	1830 / 72"	2287 / 90"
Shovel To Shovel Distance (mm / inch)		395 / 16"	
Weight (Kg. / Lbs. Approx.)	270 / 595	320 / 705	370 / 815
Tractor Power (HP)	40-45	50-55	60-65

DESCRIPTION	SXDCT-7	SXDCT-9	SXDCT-11	SXDCT-13	SXDCT-15	SXDCT-21
Tynes (mm / inch)			Sq. 25/1", 30/1.2", 35/1.4"			Sq. 30/1.2", 35/1.4"
Side Flat (mm / inch)		75/3" x 12/0.5"		75/3" x 20/0.8"		20 / 0.8" (Sheet)
Shovels (mm)			10/ 10/ 12 T (High Carbon Steel)			
Three Point Linkage (mm / inch)			65/2.6" x 16/0.6" (Front) & 50/2" x 16/0.6" (Rear)			16 / 0.6" (Sheet)
Length (mm / inch)	1553 / 61"	2010 / 79"	2467 / 97"	2930 / 115"	3388 / 133"	4760 / 187"
Tillage Width (mm / inch)	1373 / 54"	1830 / 72"	2287 / 90"	2744 / 108"	3201 / 126"	4610 / 181"
Shovel To Shovel Distance (mm)			655 / 26"			900 / 35"
Weight (Kg. / Lbs. Approx.)	175/386, 212/467, 225/496, 272/600 272/600	275/606, 332/732 350/771	325/716, 392/864 428/943	325/716, 392/864 506/1115	375/827, 453/999 583/1285	1167/2573, 985/2171
Tractor Power (HP)	35-45	45-60	60-75	75-90	90-110	90-120

Extra Heavy Duty Tiller



DESCRIPTION	SXSLOEHD-5	SXSLOEHD-7	SXSLOEHD-9	SXSLOEHD-11	SXSLOEHD-13	SXSLOEHD-15
Spring (mm)				10 WD, 50 OD (28.5 Coils)		
Tynes (mm / inch)				50 / 2" x 25 / 1" (Forged)		
Linkage 3 Point (mm / inch)				50 / 2" x 16 / 0.62" (Rear), 50 / 2" x 16 / 0.62" (Front)		
Shovel				8 mm (T) EN-42		
Length (mm / inch)	1116 / 44"	1543 / 61"	2000 / 79"	2457 / 97"	2914 / 115"	3371 / 133"
Tillage Width (mm / inch)	916 / 36"	1373 / 54"	1830 / 72"	2287 / 90"	2744 / 108"	3201 / 126"
Shovel To Shovel Distance (mm / inch)				390 / 15"		
Height (mm / inch)				585 / 23"		
Weight (Kg./Lbs. Approx.)	130 / 287	180 / 397	270 / 595	345 / 760	405 / 892	480 / 1058
Tractor Power (HP)	30-40	35-45	40-50	55-65	70-80	85-95

Heavy Duty Cultivator



DESCRIPTION	SXSLODEF-9	SXSLODEF-11	SXSLODEF-13	SXSLODEF-15
Tynes (mm / inch)				50/2" x 19 mm (T) Forged
3 Point Linkage (mm / inch)				50/2" x 12 mm (T)
Shovels (mm)				8 (EN-45)
Length (mm / inch)	2190 / 86"	2647 / 104"	3104 / 122"	3561 / 140"
Width (mm / inch)				900 / 35.4"
Height (mm / inch)				533 / 21"
Weight (Kg. / Lbs. Approx.)	240 / 529	287 / 633	334 / 736	395 / 870
Tractor Power (hp)	40-45	50-55	60-65	70-75

Heavy Duty Rigid Cultivator (B)



DESCRIPTION	SXRHDBB-9	SXRHDBB-11
Tynes (mm)	Profile cut single piece 22/ 25/ 28	
Three Point Linkage (mm)	65 x 16 Front, 50 x 16 Rear	
Shovels (mm)	8 (EN-45)	
Tillage Width (mm / inch)	1828 / 72"	2285 / 90"
Shovel to Shovel Distance (mm / inch)	418 / 16"	
Height (mm / inch)	533 / 21"	
Weight (Kg. / Lbs. Approx.)	190 / 419 (22mm), 200 / 441 (25mm), 205 / 452 (28mm)	220 / 485 (22mm), 230 / 507 (25mm), 235 / 518 (28mm)
Tractor Power (HP)	40-45	45-55

Sub Soiler



DESCRIPTION	SXSS-1	SXSS-2	SXSS-3	SXSS-5
Length (mm / Inch)	510 / 20"	550 / 22"	830 / 33"	1554 / 61"
Width (mm / Inch)	660 / 26"	1220 / 48"	1520 / 60"	2510 / 99"
Height (mm / Inch)		1060/42" - 1370/54"		1422/56" - 1672/66"
Tillage Width (mm / Inch)	70 / 2.8"	708/28" - 960/38"	1055/42" - 1284/51"	1810/71"
Tyne To Tyne Distance (mm / Inch)	NA	600/24" - 863/34"	465/18" - 576/23"	550/22"
Tyne (mm / Inch)			150 / 6" x 25 mm (T)	
No. of Tyne	1	2	3	5
3 Point Linkage		Cat - II		Cat-II & Cat-III
Working Depth (Max. mm / Inch)			550 / 22"	
Crumbler (mm / Inch)	NA	33.7/1.3" x 25 mm (T) Round Pipe	50/2" x 12 mm (T) Flat	
Crumbler Length (mm / Inch)	NA	1220 / 48"	1530 / 60"	2510 / 99"
Weight Without Crumbler (Kg. / Lbs. Approx.)	85 / 187	195 / 430	280 / 617	570 / 1257
Weight With Crumbler (Kg. / Lbs. Approx.)	NA	245 / 540	430 / 948	790 / 1709
Tractor Power (HP)	40-55	60-75	80-95	100-135

Medium Duty Spring Loaded Tiller



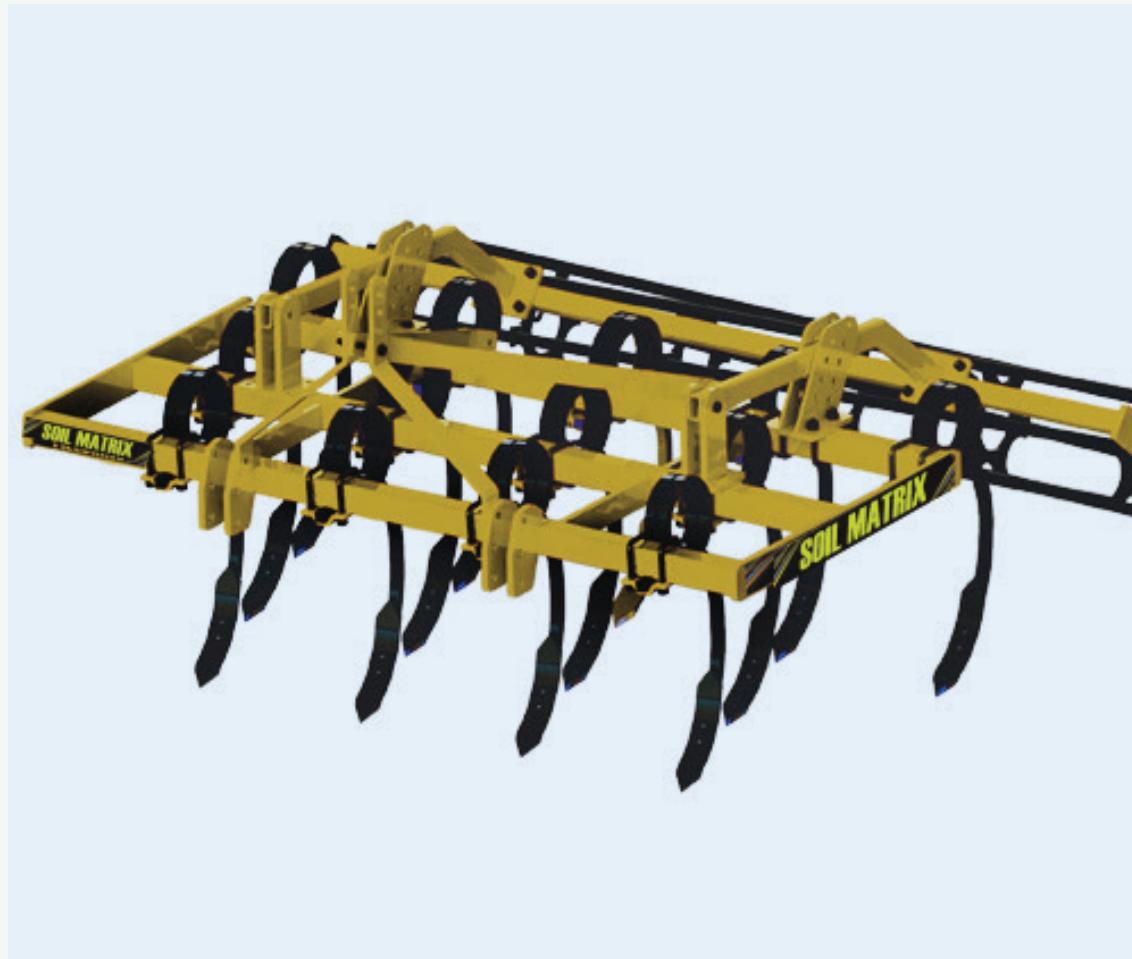
DESCRIPTION	SXSLOM-9	SXSLOM-11
Spring (mm)	10 WD, 50 OD 26 Coils	
Tynes (mm / inch)	50/2" x 19 (Forged)	
Shovel (mm)	8 (EN-45)	
Length (mm / inch)	2200 / 87"	2657 / 105"
Width (mm / inch)	712 / 28"	
Height (mm / inch)	533 / 21"	
Weight (Kg. Lbs. Approx.)	180 / 397	220 / 485
Tractor Power (hp)	50-55	60-65

Medium Duty Tiller



DESCRIPTION	SXSLOUSA-5	SXSLOUSA-7	SXSLOUSA-9	SXSLOUSA-11	SXSLOUSA-13
Spring (mm)		10 WD, 49 OD (26 Coils)			
Tynes (mm / inch)		65/2.5" x 10 mm (T) Forged			
Total Length (mm / inch)	1270 / 50"	1727 / 68"	2184 / 86"	2642 / 104"	3099 / 122"
Tillage Width (mm / inch)	914 / 36"	1372 / 54"	1829 / 72"	2286 / 90"	2743 / 108"
Shovel To Shovel Distance (mm / inch)			381 / 15"		
Height (mm / inch)			533 / 21"		
Weight (Kg. / Lbs. Approx.)	118 / 260	180 / 396	219 / 482	260 / 573	300 / 661
Tractor Power (HP)	15-30	30-35	40-45	50-55	60-65

Multi Row Tiller



DESCRIPTION	SXMRDCT-13	SXMRDCT-19
Tynes (mm / inch)	25/1" x 25/1" / 30/1.2" x 30/1.2" / 35/1.37" x 35/1.37" (Sq. Bar) (Optional)	
Shovels (mm)	10 / 12 (High Carbon Steel)	
Three Point Linkage (mm / inch)	65/2.6" x 16/0.6" (Front)	75/3" x 16/0.6" (Front)
Length (mm / inch)	2374 / 93"	3500 / 138"
Crumbler Weight (Kg. / Lbs. Approx.)	200 / 441	250 / 551
Weight Without Crumbler (30 x 30 mm sq Tyne) (Kg. / Lbs. Approx.)	560 / 1235	800 / 1764
Tractor Power (HP)	65-90	90-120

Ripper



Disc Ridger



DESCRIPTION	SXR-5	SXR-7
Width (mm / inch)	2150 / 85"	2840 / 112"
Length (mm / inch)		2660 / 105"
Height (mm / inch)		1270 / 50"
Working Depth (max. cm / inch)		40 / 15.7"
Working Width (mm / inch)	1810 / 71"	2500 / 98"
Number of Tynes (pcs.)	5	7
Length Without Roller (mm / inch)		1120 / 44"
Tyne Spacing (mm / inch)	250 / 10" - 300 / 12"	
Weight Without Crumbler (Kg. / Lbs. Approx.)	495 / 1091	789 / 1739
Weight With Crumbler (Kg. / Lbs. Approx.)	852 / 1878	1160 / 2557
Tractor Power (HP)	55-60 (4WD) / 60-65 (2WD)	65 - 110

DESCRIPTION	SXDR-1	SXDR-2
Axle Type		Spindle
No. of Disc	2	4
Type of Disc		Notched or Plain Disc (Optional)
Disc Diameter (mm / Inch)		660 / 26" x 6 mm (T)
Maximum Width Between Ridges (mm / Inch)		1000 / 39"
Ridge Height (Max. mm / Inch)		330 / 13"
Bearing Hubs	2	4
Weight (Kg. / Lbs. Approx.)	224 / 494	435 / 959
Tractor Power (HP)	50-65	70-90

Disc Ridger (Light Duty)



Disc Ridger with Roller



DESCRIPTION	SXDRL-1
Axle Type	Spindle
No. of Disc	2
Type of Disc	Plain or Notched Disc (Optional)
Disc Diameter (mm)	660 x 6 T (26")
Maximum Width Between Ridges (mm / Inch)	1000 / 39"
Ridge Height (Max. mm / Inch)	330 / 13"
Bearing Hubs	2
Weight (Kg. / Lbs. Approx.)	178 / 392
Tractor Power (HP)	35-45

DESCRIPTION	SXDRR-1	SXDRR-2
Axle Type	Spindle	Spindle
No. of Disc	2	4
No. of Rollers	1	2
Type of Disc	Plain Disc	Plain Disc
Disc Diameter (mm / Inch)	660/26" x 6 mm (T)	660/26" x 6 mm (T)
Maximum Width Between Ridges (mm)	1500 / 59"	1500 / 59"
Ridge Height (Max. mm / Inch)	330 / 13"	330 / 13"
Bearing Hubs	2	4
Weight (Kg. / Lbs. Approx.)	450 / 992	1000 / 2205
Tractor Power (HP)	50-75	75-110

Tyne Ridger



DESCRIPTION	SXTRT-3	SXTRT-4	SXTRT-5
Overall Width (mm / inch)	2928 / 115.3"	3928 / 154.6"	4930 / 194"
Width Without Tyre (mm / inch)	2420 / 95"	3420 / 134.6"	4420 / 174"
Width of Cut Adjustable (mm / inch)	2483 / 97.8"	3483 / 137.1"	4483 / 176.5"
Tyne To Tyne Distance (mm/ inch Adjustable)	1000 / 39.4"		
3 Point Linkage		Cat - II	
No. of Tyres (Optional)		2	
Weight (Kg. / Lbs. Approx.)	200 / 440.9	230 / 507	380 / 837.8
Weight With Tyres (Kg./ Lbs. Approx.)	312 / 687.8	345 / 760.6	465/ 1025.2
Tractor Power (HP)	40-55	60-80	85-105

Heavy Duty Sub Soiler



DESCRIPTION	SXHDSS-1	SXHDSS-2	SXHDSS-3
Length (mm / Inch)	690 / 27"		1072 / 42"
Width (mm / Inch)	800 / 31"	1230 / 48"	1520 / 60"
Height (mm / Inch)	1220 / 48"		1440 / 57"
Width of Cut (mm / Inch)	70 / 3"	800 / 32"	1215 / 48"
Tyne Spacing (mm / Inch)	NA	695 / 27"	525 / 21"
Working Depth (Max. mm / Inch)		700 / 28"	
Tyne Section (mm / Inch)		150 / 6" x 36 / 1.4"	
3 Point Linkage		Cat - II	
No. of Tyne	1	2	3
Crumbler (mm / Inch)	NA		50 / 2" x 12 mm (T) Flat
Crumbler Length (mm / Inch)	NA	1396 / 55"	1786 / 70"
Weight (Kg. / Lbs. Approx.)	105 / 232	450 / 992	520 / 1147
Shovel (mm / Inch)		70 / 28" x 305 / 12" x 10 mm (T)	
Tractor Power (HP)	40-65	60-75	90-115

End of Tiller Section



DESCRIPTION	SXRMS-1.65	SXRMS-1.80	SXRMS-2.00	SXRMS-2.20
Model	Side Belt Transmission			
Working efficiency (hm ² /h)	0.54-0.75	0.59-0.82	0.66-0.91	0.73-1.0
Overall Size (L x W x H) mm / inch	1398/55" x 1900/75" x 1000/39"	1398/55" x 2050/81" x 1000/39"	1398/55" x 2260/89" x 1000/39"	1400/55" x 2450/96" x 1000/39"
Working Width (mm / inch)	1650 / 65"	1800 / 71"	2000 / 79"	2200 / 87"
Min Ground Clearance (mm / inch)	350 / 14"			
Chopping Install Blade Number	96	108	120	132
Weight (Kg./Lbs. Approx.)	600 / 1323	620 / 1367	660 / 1455	740 / 1631
Tractor Power (HP)	40-50	50-60	60-70	70-80

End of Harvest & Straw Management Section

Disc Blades

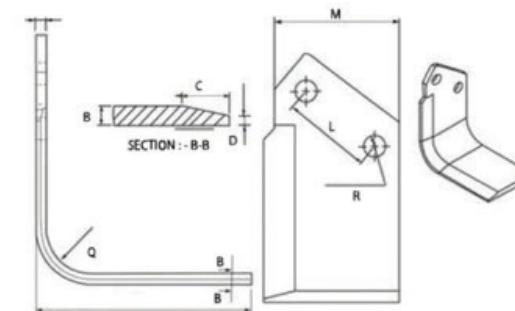
Disc & Blade Section

RT Blades



EDGE TYPE	DIA (INCH/ MM)	THICKNESS (MM)	HARDNESS (HRC)	CONCAVITY (MM)
Plain	12/ 304	3.0	40-46 (High carbon)	25
	13/ 330	3.0		25
	14/ 355	3.0 - 5.0		31, 38
	16/ 406	3.0 - 5.0		28, 35, 38, 54
	18/ 457	3.0 - 6.35		44, 56, 67
	20/ 508	3.0 - 6.35		57, 60, 69, 84
	22/ 558	4.0 - 6.35	48-52 (Boron Steel)	63, 70, 74, 78, 86
	24/ 609	4.0 - 8.0		68, 76, 83, 88, 95
	26/ 660	5.0 - 10		57, 70, 77, 89, 98, 104, 109
	28/ 711	6.0 - 10		74, 95, 109
	30/ 762	6.0 - 8		86, 112

Type	Size					
		MXB	L	R	C	D
	MM	MM	MM	MM	MM	MM
L Type Rotavator Blade	70 X 7	44	2 HOLE 14.5 ROUND	10	2.0	R 60
L Type Rotavator Blade	70 X 7	44	2 HOLE 12.5 ROUND	10	2.0	R 60
L Type Rotavator Blade	80 X 7	57	2 HOLE 11.5 ROUND	20	1.5	R 38
L Type Rotavator Blade	80 X 7	57	2 HOLE 12.5 ROUND	20	1.5	R 38
L Type Rotavator Blade	80 X 7	57	2 HOLE 14.5 ROUND	20	1.5	R 38
C Type Rotavator Blade	70 x 7	44	2 HOLE 14.5 ROUND	18	2.0	R 65
C Type Rotavator Blade	70 x 7	44	2 HOLE 12.5 ROUND	18	2.0	R 65
J Type Rotavator Blade	40 x 8	29.5	2 HOLE 12.2 ROUND	15	1.5	R 55





DESCRIPTION	SXAT2WT-E-3TON	SXAT2WT-E-5TON	SXAT2WT-E-9TON
Outer Dimensions (mm / feet)	(2435 x 1828 x 610 mm) (8ft. x 6ft. x 2ft.)	(3048 x 1828 x 610 mm) (10ft. x 6ft. x 2ft.)	(3658 x 1828 x 610 mm) (12ft. x 6ft. x 2ft.)
Main Chassis (mm / inch)	125/5" x 65/2.5" (Tubular)	160/6.3" x 80/3" (Tubular)	
Floor Sheet (mm)		4	
Side Wall Sheet (mm)		3 (Corrugated)	
Tyres	7.50 x 16, 9.00 x 16, 12.5/80-15.3 & 400 / 60-15.5 (14 to 18 PR)		
Ring Hitch Dia. (mm / inch)	50 / 2"	65 / 2.4"	
Hydraulic Cylinder Capacity	8 (Ton)	15 (Ton)	
Axle (Brake Optional) (mm / inch)	75 / 3" Square	90 / 3.5" Square	
Axle Bearing	32214 Inner & 32211 Outer	32017 Inner & 32211 Outer	
Weight (Kg. / Lbs. Approx.)	1265 / 2789	1580 / 3483	1900 / 4189
Leaf Spring (Optional) mm / inch	914 / 36"		1066 / 42"
Tractor Power (HP)	30-50	50-70	70-90

DESCRIPTION	SXAT4WNT-E-5T	SXAT4WNT-E-9T
Outer Dimensions	(3048 x 1828 x 534 mm) 10ft. x 6ft. x 1.75ft.	(3658 x 1828 x 610 mm) 12ft. x 6ft. x 2ft.
Main Chassis (mm / inch)		150 / 6" x 75 / 3"
Floor Sheet (mm)		4 (T)
Side Wall Sheet (mm)		2 (T) Corrugated
Tyres		4 nos. of 7.5 x 16
Hitch Beam (mm / inch)	75 / 3" x 40 / 1.6"	100 / 4" x 50 / 2"
Ring Hitch Dia. (mm / inch)	50 / 2"	
Axle (mm / inch)	75 / 3" Sq. (Front & Rear)	
Axle Bearing		32214 and 32213
Weight (Kg. / Lbs. Approx.)	1600 / 3527	1800 / 3968
Tractor Power (HP)	50-70	70-90



DESCRIPTION	SXAT2WT-E-2TON	SXAT2WT-E-3TON	SXAT2WT-E-5TON	SXAT2WT-E-9TON	SXAT2WT-E-10TON
Outer Dimensions (mm / feet)	(2435 x 1219 x 457 mm) (8ft. x 4ft. x 1.6ft.)	(2435 x 1828 x 610 mm) (8ft. x 6ft. x 2ft.)	(3048 x 1828 x 610 mm) (10ft. x 6ft. x 2ft.)	(3658 x 1828 x 610 mm) (12ft. x 6ft. x 2ft.)	(3962 x 2134 x 610 mm) (156" x 84" x 24")
Main Chassis (mm / inch)	100/4" x 50/2"	125/5" x 65/2.6"	150/6" x 75/3"	200/7.9" x 75/3"	
Floor Sheet (mm)			4		
Side Wall Sheet (mm)	2/3 (Corrugated)		3 (Corrugated)		
Tyres	6.00x16, 7.50x16, 9.00x16	7.50 x 16, 9.00 x 16, 12.5/80-15.3 & 400 / 60-15.5 (14 to 18 PR)		10.00 x 20, 15.0/70-18	
Ring Hitch Dia. (mm / inch)		50 / 2"		65 / 2.6"	
Hydraulic Cylinder Capacity (Ton)	2	10	15	20	
Axle (Brake Optional) (mm/ inch)	65/2.6" & 75/3" Square	75/3" Square	90/3.5" Square	100/4" Square	
Axle Bearing		32214 Inner & 32211 Outer	32017 Inner & 32211 Outer	32216 Inner & 32218 Outer	
Weight (Kg./Lbs. Approx.)	600 / 1323	1014 / 2235	1180 / 2601	1553 / 3424	1820 / 4012
Leaf Spring (Optional)		914 / 36"		1066 / 42"	
Tractor Power (HP)	20-35	35-50	50-70	70-90	90-120

DESCRIPTION	SXAT2WT-E-1.5TON
Outer Dimensions (mm)	(2854 x 1355 x 400)
Main Chassis (mm)	75 x 40
Floor Sheet (mm)	4
Side Wall Sheet (mm)	2 (Corrugated)
Tyres	6.5 x 16.0
Ring Hitch Dia. (mm)	40
Hydraulic Cylinder Capacity (Ton)	3
Axle (Brake Optional) (mm)	56 Square
Axle Bearing	32008 Inner & 32007 Outer
Weight (Kg. Approx.)	410
Leaf Spring (Optional)	8 Leaf
Tractor Power (HP)	Up to 20 HP

Rotary Cutter-Round

Landscaping Section

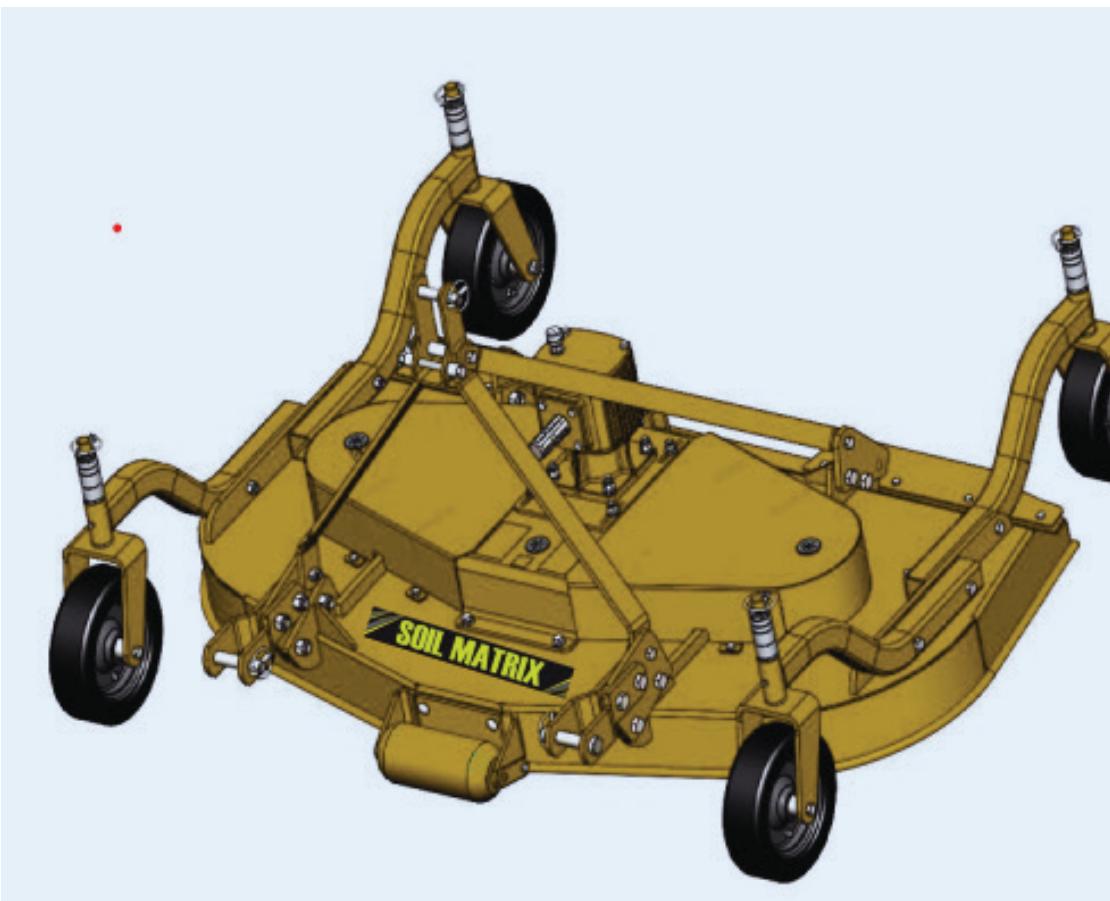


Rotary Slasher-Square



DESCRIPTION	SXRC-48	SXRC-60	SXRC-72	SXRC-84
Cutting Width (mm / Inch)	1220 / 48"	1524 / 60"	1828 / 72"	2134 / 84"
Transport Width (mm / Inch)	1372 / 54"	1676 / 66"	1981 / 78"	2235 / 88"
Overall Length (mm / Inch)	2184 / 86"	2490 / 98"	2896 / 114"	3048 / 120"
Cutting Height (mm / Inch)	25 / 1" - 200 / 8"			
Hitch	Cat-I & QH	Cat-1, Cat-II & QH	Cat-II & QH	
Blade Carrier	Round Pan			
P.T.O. Shaft	Clutch Type			
Gearbox Rating (HP)	40	75	90	
Deck Thickness (mm)	3			
Side Skid (mm)	5			
Weight (Kg. / Lbs. Approx.)	222 / 490	328 / 723	397 / 875	555 / 1223
Tractor Power (HP)	15	25	35	45

DESCRIPTION	SXRSSST-6
Cutting Width (mm / Inch)	1828 / 72"
Transport Width (mm / Inch)	2170 / 85"
Overall Length (mm / Inch)	2460 / 97"
Cutting Height (mm / Inch)	25 / 1" - 200 / 8"
Hitch	Cat - II
P.T.O. Shaft	Clutch Type
Gearbox Rating (HP)	75
Deck Thickness (mm / Ga.)	5 / 11



SR. NO.	SPECIFICATION	SX 1.2	SX 1.5	SX 1.8	SX 2.1
1	OVERALL DIMENSIONS • LXW X H (cm)	132x140x86	163x146x86	UD	UD
2	CUTTING WIDTH (cm) (A)	122	151	UD	UD
3	Cutting height (Min-Max) (mm)	30-117			
4	Tractor Power (HP)	20-50			
5	PTO input speed (RPM)	540			
6	3-point hitch type	Cat-1 (ISO 730 Std.)			
7	Wheels	Solid 10x3.25			
8	Blade Size (LxWxT) mm	424x60x6	515x60x6	616x60x6	730x60x6
9	Blade overlap (mm)	20			
10	Blade Shaft Speed	3070	2706	UD	UD
11	Unit Weight (kg)	208	225	UD	UD
12	Deck thickness (mm)	4			
13	Belts (No. & Type)	2 SPB type			
14	Spindle bearing	Bearing 6206			
15	Front Roller	Standard			
16	No. of Blades	3			



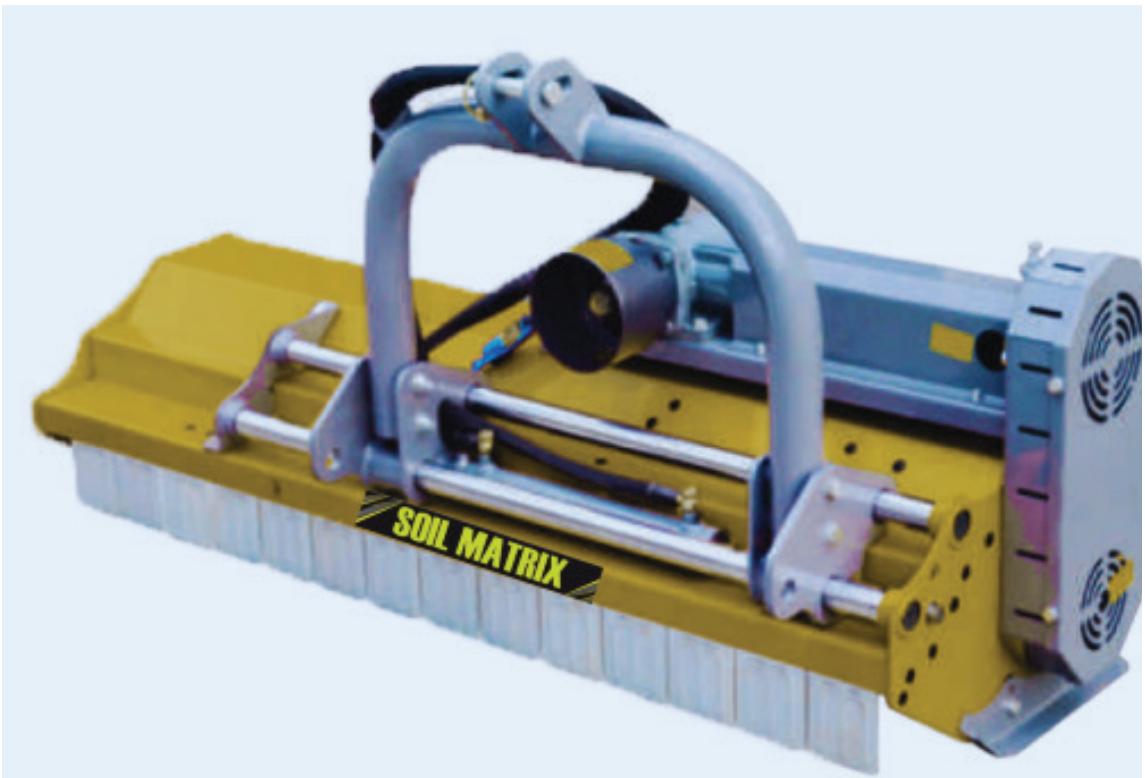
Flail Mower Hydraulic Specifications

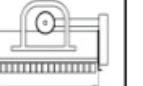
DESCRIPTION	No.	SXFH-16	SXFH-18	SXFH-20	SXFH-22
WORKING WIDTH	CM.	155	170	190	210
OVERALL WIDTH	CM.	170	185	205	225
WEIGHT (approx)	KG.	470	510	540	575
HAMMER BLADE		16	18	20	22



Square Fertilizer Broadcaster Stainless Steel

MODEL	FX-500
HOPPER CAPACITY (ltr.)	500
NO. OF SPREADING DISK	1
TOTAL WIDTH (W) (mm.)	1200
TOTAL LENGTH (L) (mm.)	1014
TOTAL HEIGHT (H) (mm.)	1193
WORKING WIDTH (mtr.)	14
CATEGORY	2
AGITATOR SYSTEM	VERTICLE
TYPE OF GEAR BOX	1:1
PTO (rpm.)	540
REQUIRED POWER (hp/kw)	40-50/30-34
TOTAL WEIGHT (kg/lbs)	120/265



MODEL	A	B	C				
SXHDFM-1.05	650	1180	760	1000	600  580	600  630	2092
SXHDFM-1.05H	650	1180	760	1000	760  420	550  630	2092
SXHDFM-1.25H	650	1380	760	1200	600  780	600  780	2092
SXHDFM-1.25H	650	1380	760	1200	760  620	550  830	2092
SXHDFM-1.45	650	1580	760	1400	600  980	550  830	2092
SXHDFM-1.45H	650	1580	760	1400	760  820	550  1030	2092
SXHDFM-1.65	650	1780	760	1600	600  1180	600  1180	2092
SXHDFM-1.65H	650	1780	760	1600	760  1020	550  1230	2092

**End of
Landscaping
Section**

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