



ESHWARI AGRO TECH

ROTARY TILLERS AND AGRICULTURAL MACHINERY

CATALOGUE



 **SRIMAHAN[®]**
Our Service Your Growth



OUR VISION

Revolutionizing agriculture with cutting-edge implants, empowering farmers for optimized yields, resource conservation, and sustainable food production, seamlessly integrating with traditional practices for enhanced productivity and environmental stewardship."

OUR MISSION

At Eshwari Agro Tech, we pioneer state-of-the-art agricultural implants, prioritizing farmer support and innovation. Our mission: drive precision farming, forge community partnerships, and empower farmers for success in evolving agriculture

CORE VALUES:

Innovation: Drive continuous innovation in agricultural technology.

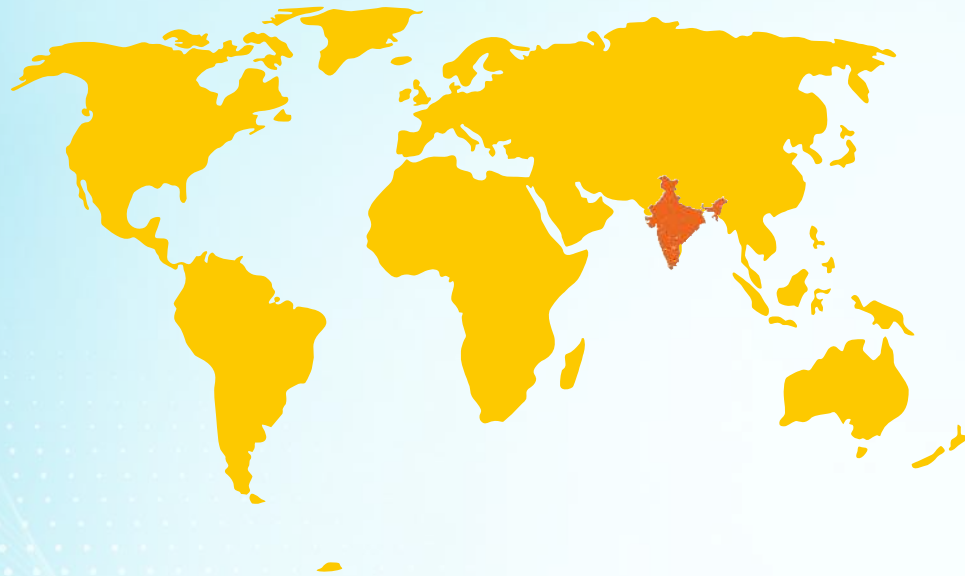
Sustainability: Promote environmentally responsible farming practices.

Collaboration: Foster partnerships for shared success.

Integrity: Uphold honesty, transparency, and ethical conduct.

Customer Centricity: Prioritize customer needs and satisfaction.





GRADUALLY EXPANDING OUR DISTRIBUTOR / DEALER NETWORK

- ➔ **Standard Warranty:**
Comprehensive coverage for peace of mind.
- ➔ **Doorstep Service:**
Prompt and efficient support at your doorstep.
- ➔ **Easy Spare Parts:**
Quick access to genuine parts, minimizing downtime.
- ➔ **Worry-Free Ownership:**
Assurance of quality, support, and investment protection.



State-of-the-Art Production Facility:

- Utilizes laser and plasma cutting for precision.
- High-quality machinery for blade manufacturing.
- Features heat treatment and powder coating for durability.
- Meticulous finishing ensures top-notch quality.

Government-Certified R&D Facility:

- Recognized for research excellence.
- Equipped with cutting-edge labs and equipment.
- Collaborates with academia and industry.
- Committed to continuous innovation in agriculture.





Durable Brackets



Single Speed Gearbox



"L" Type Blades



Durable Trailing Board

Smart Series (Mini)



TECHNICAL SPECIFICATIONS

MODEL	SMRT 0.8	SMRT 1.0
No of Blades	16	20
Overall Width (mm)	1020	1200
Overall Length (mm)	665	665
Overall Height (mm)	945	945
Tilling Width (mm / inch)	885/33	1070/42
Tractor HP	12-22	15-25
Standard Tine Construction	Curved/Square	Curved/Square
Transmission Type	Gear	Gear
Max. Working Depth (mm / inch)	152/6	152/6
Rotor Tube Diameter (mm / inch)	73/2.9	73/2.9
Rotor Swing Diameter (mm / inch)	412/16.2	412/16.2
Driveline Safety Device	Shear Bolt	Shear Bolt
Weight (Kg)	160 Kg	170 Kg

Options : Gear Drive

Blades : L type

RPM Input : 540

The company reserves absolute rights to modify the specifications of machine and components therein without any prior notice.
"Weight is including safety guards & excluding PTO"



Heavy Depth Skid



Multi Speed Gearbox



"L" Type Blades



Durable Chain Covers

Orchard Series



TECHNICAL SPECIFICATIONS

MODEL	Orchard 24	Orchard 28
No of Blades	24	28
Overall Width (mm)	1210	1210
Overall Length (mm)	665	665
Overall Height (mm)	945	945
Tilling Width (mm / inch)	1065/42	1065/42
Tractor HP	25-35	28-38
Standard Tine Construction	Curved/Square	Curved/Square
Transmission Type	Gear	Gear
Max. Working Depth (mm / inch)	152/6	152/6
Rotor Tube Diameter (mm / inch)	73/2.9	73/2.9
Rotor Swing Diameter (mm / inch)	412/16.2	412/16.2
Driveline Safety Device	Shear Bolt	Shear Bolt
Weight (Kg)	200 Kg	220 Kg

Options : Gear Drive

Blades : L type

RPM Input : 540 / 1000

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Super Plus Series



Multi Speed Gearbox



"L" Type Blades



Heavy Duty Gear Box



PTO Shaft With Shear Bolt



TECHNICAL SPECIFICATIONS

MODEL	SMRT 3Ft	SMRT 4Ft	SMRT 5Ft	SMRT 5.5Ft	SMRT 6Ft	SMRT 7Ft
No of Blade	24	30	36	39	42	49
Overall Width (mm)	1210	1420	1750	1889	2020	2259
Overall Length (mm)	980	980	980	980	980	980
Overall Height (mm)	1120	1120	1120	1120	1120	1120
Tilling Width (mm / inch)	1065/42	1265/50	1610/63.6	1744/68.6	1880/74	2114/83.2
Tractor HP	24-30	25-35	35-45	35-45	45-60	50-Above
Standard Tine Construction	Curved/Square	Curved/Square	Curved/Square	Curved/Square	Curved/Square	Curved/Square
Transmission Type	Gear	Gear	Gear	Gear	Gear	Gear
Max. Working Depth (mm / inch)	203/8	152/6	152/6	152/6	152/6	152/6
Rotor Tube Diameter (mm / inch)	89/3.5	73/2.9	73/2.9	73/2.9	73/2.9	73/2.9
Rotor Swing Diameter (mm / inch)	480/18.9	412/16.2	412/16.2	412/16.2	412/16.2	412/16.2
Driveline Safety Device	Shear Bolt	Shear Bolt	Shear Bolt	Shear Bolt	Shear Bolt	Shear Bolt
Weight (Kg)	348 Kg	374 Kg	410 Kg	436 Kg	447 Kg	484 Kg

- Options :** Gear Drive
Gear Box : Single Speed
 Multi Speed
Blades : L type / C type
RPM Input : 540/1000

Rotor RPM Chart

Input RPM	Gear Pair		Rotor RPM	
	A	B	179	173
540 RPM	17	19	201	193
	18	18	224	216
	19	17	-	241
	20	16	186	179
1000 RPM	12	24	210	202
	13	23	236	228
	15	21		

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"Weight is including safety guards & excluding PTO"



Durable Brackets



"L" Type Blades



Durable Top Most



Multi Speed Gearbox



PTO Shaft With Shear Bolt

Power Plus Series



TECHNICAL SPECIFICATIONS

MODEL	SMRT 4Ft	SMRT 5Ft	SMRT 6Ft
No of Blades	30	36	42
Overall Width (mm)	1400	1740	2005
Overall Length (mm)	950	950	950
Overall Height (mm)	1110	1110	1110
Tilling Width (mm / inch)	1260/49.6	1600/60.2	1870/73.7
Tractor HP	30-50	45-60	50 Above
Standard Tine Construction	Curved/Square	Curved/Square	Curved/Square
Transmission Type	Gear	Gear	Gear
Max. Working Depth (mm / inch)	203/8	203/8	203/8
Rotor Tube Diameter (mm / inch)	89/3.5	89/3.5	89/3.5
Rotor Swing Diameter (mm / inch)	480/18.9	480/18.9	480/18.9
Driveline Safety Device	Shear Bolt	Shear Bolt	Shear Bolt
Weight (Kg)	415 Kg	455 Kg	510 Kg

Options : Gear Drive

Gear Box : Single Speed
Multi Speed

Blades : L type / C type

RPM Input : 540/1000

Rotor RPM Chart

Input RPM	Gear Pair		Rotor RPM	
	A	B	GEAR DRIVE	CHAIN DRIVE
540 RPM	15	20	163	157
	16	19	183	177
	17	18	205	198
	18	17	230	222
	19	16	258	249
	20	15	290	280
1000 RPM	13	22	239	231

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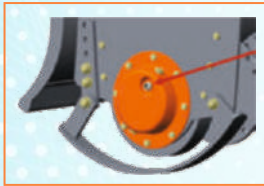
"Weight is including safety guards & excluding PTO"

Banana Series

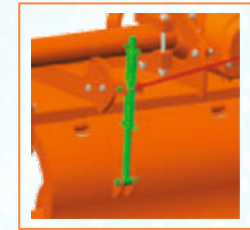


TECHNICAL SPECIFICATIONS

MODEL	SMRT 5Ft	SMRT 6Ft
No of Blades	36	42
Overall Width (mm)	1818	2084
Overall Length (mm)	940	940
Overall Height (mm)	1218	1218
Tilling Width (mm / inch)	1606 / 63.2	1872 / 73.7
Tractor HP	50	55
Standard Tine Construction	Square	Square
Transmission Type	Gear	Gear
Max. Working Depth (mm / inch)	200 / 8	200 / 8
Rotor Tube Diameter (mm / inch)	89 / 3.5	89 / 3.5
Rotor Swing Diameter (mm / inch)	504 / 20	504 / 20
Driveline Safety Device	Slip Clutch	Slip Clutch
Weight (Kg)	595 Kg	650 Kg



Stub Axle Cover



Heavy Duty Damper Spring

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Weight is including safety guards & excluding PTO

Reverse Forward Rotary Tiller



Durable Brackets



Single Speed Gearbox



"J" Type Blades



Chain Drive



PTO Shaft With Shear Bolt



TECHNICAL SPECIFICATIONS

Characteristics	SMRF 2.5Ft	SMRF 3Ft
Overall Length (mm)	795	955
Overall Width (mm)	990	990
Overall Height (mm)	762	914
Working Width (mm)	630	785
Tractor Power (HP)	15-22	18-25
Power Transferred to PTO	13-19	15-21
No of Blades	18	22
PTO Input Speed (RPM)	540	540
Rotor Shaft Speed RPM	255	255
Side Transmission Type	Chian	Chian
Max Working Depth (mm)	150	150
Rotor Tube Diameter (mm)	73	73
Rotor Swing Diameter (mm)	483	483
Weight (kg/lbs)KG	140Kg	150Kg

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Weight is including safety guards & excluding PTO

Tillage and earthing up with single operation



Saves fuel, time & labour (approx 40-50%)



Suitable for row - row plantation (more than 4ft)



Helps in controlling weeds



Improves infiltration & seepage of water

Rotary Slasher



High Grade Chains



Heavy Duty Gearbox



Heavy Duty Pto Shaft With Shear Bolt



TECHNICAL SPECIFICATIONS

Characteristics	SMRS 4Ft	SMRS 5Ft
Working Width (mm)	1200/47.2	1500/59.1
Tractor Power (HP)	28 Above	35 Above
No of Chain	4	4
Length (mm)	1820/71.3	2117/83.4
Width (mm)	1425/56.2	1651/65
Height (mm)	960/37.9	960/37.9
Weight (Kg)	250 Kg	295 Kg
Cutting Length (mm/Inch)	25 to 150 / 1 to 6	25 to 150 / 1 to 6
Protection	Rubber Flap	Rubber Flap
PTO RPM	540	540
Chain Speed (RPM)	1010	1010

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"Weight is including safety guards & excluding PTO"

Disk Harrow



TECHNICAL SPECIFICATIONS

Characteristics	SMDH-14
No. Of Disc	14
Type of Disc	Plain & Notched
Disc Diameter (mm)	562
Length	2100
Width	1700
Height	1300
Weight (Kg)	410
Tractor Power (HP)	40 - 50

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MB Plough



TECHNICAL SPECIFICATIONS

MODEL/FEET	2FHL 360-10	2FHL 380-10	2FHM 420-10	2FHM 440-11	2FHM 460-10	2FHM 480-10
Size	2 Furrow	2 Furrow	2 Furrow	2 Furrow	2 Furrow	2 Furrow
Frame	100 mm X 25 mm Box	100 mm X 25 mm Box	100 mm X 25 mm Box	100 mm X 25 mm Box	100 mm X 25 mm Box	100 mm X 25 mm Box
Main Shaft	85 mm round	85 mm round	85 mm Round	95 mm Round	95 mm Round	95 mm Round
Tyne	30 mm (c-type)	30 mm (c-type)	30 mm (c-type)	28 mm (c-type)	28 mm (c-type)	30mm (c-type)
Working Width	20 inch	20 inch	20 inch	22 inch	20 inch	20 inch
Height	45 inch	45 inch	45 inch	51 inch	51 inch	51 inch
Blade	10 mm	10 mm	10 mm	10 mm	12 mm	12 mm
Mould Board	662-8 mm (13" tyre)	731-8 mm (13" tyre)	731-8 mm (13" tyre)	731-8 mm (14" tyre)	731-8 mm (14" tyre)	731-10 mm (14" tyre)
Shovel(point)	32 mm X 25mm	32 mm X 25 mm	32 mm X 25 mm	32 mm X 25 mm	38 mm X 25 mm	38 mm X 25 mm
Bearing	32215-33017	32215-33017	32215-33017	33017-33019	33017-33019	33017-33019
Adjustment	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Distance Between Tyne	10 inch	10 inch	10 inch	11 inch	10 inch	10 inch
Depth Of Cut	10-12 inch	10-12 inch	10-12 inch	12-14 inch	12-14 inch	12-14 inch
Weight Approx.	360 kg	380 kg	420 kg	440 kg	460 kg	480 kg
Power Required (h.p.)	35 hp	35-40 hp	40 hp	40 HP - 45 hp	40 Hp - 45 hp	45 HP - 50 hp
Soil Type	Soft Soil	Soft Soil	Medium Soil	Medium Soil	Hard Soil	Hard Soil

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Post Hole Digger



TECHNICAL SPECIFICATIONS

PHD Farme Weight in Kg	Auger Size	Auger Weight in Kg.	Gross Weight in Kg.
190	9" (23 cm)	26	241
	12" (31cm)	31	246
	18" (46 cm)	53	268
	24" (61 cm)	75	290
	30" (76 cm)	90	305
	36" (91 cm)	105	320

Coconut Chaff Cutter



TECHNICAL SPECIFICATIONS

Number of Rows	1
Length (mm)	1700
Width (mm)	842
Weight (Kg)	605
Disc Cutter (No.)	2
Shredding Blade (No.)	6
Chopping Length (mm)	20
Exhaust Direction	Back Side
3 Point Linkage'	Cat. II
Required Power	35 Hp & Above
Small Chute Height (mm)	500
PTO (RPM)	540

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Genuine Spare Parts



BLADES



13 X 23 CROWN PINION



SPUR GEAR SET



GEAR BOX
1000 RPM-REG



GEAR BOX
540 RPM-REG



R D HOUSING



MULTI SPEED GEAR BOX



OUTER TUBE YOKE



HINCH PIN



11 X 18 CROWN PINION



SIDE GEAR SET
20 x 35 x 28



HOUSING FLANGE SET
(REG)



INPUT SHAFT



BLADE ROTOR



SHEAR BOLT YOKE



21 SPLINE YOKE



STUB HOUSING



R D SHAFT



R D SHAFT



STUB AXLE



OIL SEAL



DUST COVER SET



PTO SHAFT (CARDAN SHAFT)



HUB WITH PUSH PIN



TORQUE LIMITER



DEPTH SKID SET



INTERMEDIATE SHAFT



INPUT SHAFT



AIR BRETHAR & NUT



GEAR COVER



INNER TUBE YOKE



BEARING



JACK SHAFT



CHECK NUT



6 SPLINE YOKE



U J CROSS



TUBE SET



BOLTS & PINS



DEPTH SKID




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