



**AGROTIS<sup>®</sup>**  
TECHNOLOGIES LLP



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**SAMRAT**

**Gokul**

Dedicated to Farming



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## About Us

Agrotis Technologies LLP is a leading Farm Machinery Manufacturing Company specializing in the design, engineering, and manufacturing of high-quality agricultural machinery. Our mission is to help farmers improve their productivity and efficiency by providing them with innovative and reliable machinery solutions.

At Agrotis Technologies LLP, we offer a wide range of farm machinery solutions, including rotary tillers, M.B. ploughs, chaff cutters, cultivators, and other related products. Our products are designed to meet the needs of farmers in various applications, including soil preparation, planting, cultivation and ploughing, harvesting, levelling, forage management and automatic irrigation system.

We are a team of highly skilled and experienced professionals who are passionate about agriculture and technology. Our team consists of experts in design, engineering, manufacturing, and agriculture, which allows us to bring a unique perspective and approach to the industry.

At Agrotis Technologies LLP, we are committed to providing our customers with high-quality machinery solutions that are tailored to their unique needs. We work closely with our customers to understand their requirements and develop customized solutions that meet their specific needs and objectives.

### Our product range includes:

**Rotary Tillers:** Our rotary tillers are designed to deliver precise seedbed preparation and optimal soil aeration, with features such as adjustable depth and side shift.

**Chaff Cutters:** Our chaff cutters are designed to deliver efficient and uniform cutting of straw and hay, with features such as adjustable blade clearance and discharge chute.

**Hydraulic Reversible Ploughs:** Our Hydraulic Reversible Ploughs are designed to deliver efficient and uniform ploughing, with features such as adjustable furrow width and depth.

**Chisel Ploughs:** Our Chisel ploughs are available in 3,5,7 and 9 tynes. Chisel ploughs are designed to loosen and aerate the soil without inverting it, which reduces soil compaction.

In addition to our core product range, we also offer a wide range of related products and accessories, including land levellers, harrows, disc ploughs, Bund Former, irrigation system and more.



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## SEMI CHAMPION PLUS SERIES-ROTARY TILLER



### TECHNICAL SPECIFICATION

MODEL		SMT SC+ 4	SMT SC+ 5	SMT SC+ 5.5	SMT SC+ 6	SMT SC+ 7	SMT SC+ 8
MODEL		SMT SC+ 4.0	SMT SC+ 5.0	SMT SC+ 5.5	SMT SC+ 6.0	SMT SC+ 7.0	SMT SC+ 8.0
OVER ALL LENGTH (MM)		1414	1752	1913	2019	2285	2535
OVER ALL WIDTH (MM)		939					
OVER ALL HEIGHT (MM)		1130					
TILLING WIDTH (MM/INCH)		1269/50	1710/67.3	1841/72.5	1978/77.8	2246/88.4	2496/98.3
TRACTOR POWER	HP	40-55	45-60	50-65	55-70	65-80	75-90
	KW	30-41	34-45	37-48	41-52	49-60	56-67
3 PINT HITCH TYPE		Cat - II					
FRAME OFFSET (MM/INCH)		31.0/1.25	30.5/1.2	28/1.1	2.5/0.1	6.5/0.3	31/1.2
NO. OF TINES (L/C-80X7-14X57)		30	36	42	42	48	54
NO. OF TINES (L/C-70X7-12X44)		42	48	54	54	72	78
STANDARD TYNE CONSTRUCTION		Curved / Square					
TRANSMISSION TYPE		Gear					
MAX. WORKING DEPTH (MM/INCH)		203 / 8					
ROTOR TUBE DIAMETER (MM)		89 / 73					
ROTOR SWING DIAMETER (MM)		480/508					
DRIVELINE SAFETY DEVICE		Shear Bolt					
PARKING STAND		Available					
WEIGHT (KG/LBS)		421/928	460/1014	485/1070	500/1102	536/1182	578/1274

The Company Reserves absolute rights to modify the specifications of machine and components therein without any prior notice.



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## REGULAR PLUS SERIES-ROTARY TILLER



### TECHNICAL SPECIFICATION

MODEL		SMT R+ 4	SMT R+ 5	SMT R+ 5.5	SMT R+ 6	SMT R+ 7
MODEL		SMT R+ 4.0	SMT R+ 5.0	SMT R+ 5.5	SMT R+ 6.0	SMT R+ 7.0
OVER ALL LENGTH (MM)		1414	1752	1913	2019	2285
OVER ALL WIDTH (MM)		952				
OVER ALL HEIGHT (MM)		1145				
TILLING WIDTH (MM/INCH)		1269/50	1710/67.3	1841/72.5	1978/77.8	2246/88.4
TRACTOR POWER	HP	40-55	40-55	45-60	50-65	60-75
	KW	30-41	30-41	34-45	37-48	45-56
3 PINT HITCH TYPE		Cat - II				
FRAME OFFSET (MM/INCH)		31.0/1.25	7.5/0.3	40/1.6	27.5/1.1	67/2.6
NO. OF TINES (L/C-80X7-14X57)		30	36	42	42	48
NO. OF TINES (L/C-70X7-12X44)		42	48	54	54	72
STANDARD TYNE CONSTRUCTION		Curved / Square				
TRANSMISSION TYPE		Gear				
MAX. WORKING DEPTH (MM/INCH)		203 / 8				
ROTOR TUBE DIAMETER (MM)		89 / 73				
ROTOR SWING DIAMETER (MM)		480/508				
DRIVELINE SAFETY DEVICE		Shear Bolt				
PARKING STAND		Available				
WEIGHT (KG/LBS)		374/825	400/882	420/926	440/970	480/1058

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## MINI SERIES-ROTARYTILLER



### TECHNICAL SPECIFICATION

MODEL		MINI+ 0.8	MINI+ 1.0	MINI+ 1.2
MODEL		SMT+ 0.8	SMT+ 1.0	SMT+ 1.2
OVER ALL LENGTH (MM)		1023	1215	1389
OVER ALL WIDTH (MM)		750		
OVER ALL HEIGHT (MM)		930		
TILLING WIDTH (MM/INCH)		887/35	1055/41.5	1253/49.3
TRACTOR POWER	HP	12-22	15-25	25-35
	KW	9-17	11-19	19-26
3 PINT HITCH TYPE		Cat - I		
FRAME OFFSET (MM/INCH)		36/1.4	8/0.3	0
NO. OF TINES (L/C-80X7-14X57)		16	20	24
STANDARD TYNE CONSTRUCTION		Curved / Square		
TRANSMISSION TYPE		Gear		
MAX. WORKING DEPTH (MM/INCH)		152 / 6		
ROTOR TUBE DIAMETER (MM)		73 / 2.9		
ROTOR SWING DIAMETER (MM)		445		
DRIVELINE SAFETY DEVICE		Shear Bolt		
PARKING STAND		Available		
WEIGHT (KG/LBS)		167/369	177/390	201/444

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## VHRP-HYDRAULIC REVERSIBLE PLOUGH

### TECHNICAL SPECIFICATION

MODEL	VHRP	VHRP43	VHRP46	VHRP50
NO. OF FURROW	2+2	2+2	2+2	2+2
FRAME	100x23 MS FLAT	115x23 MS FLAT	115x23 MS FLAT	115x23 MS FLAT
TYNE THICKNESS	28 MM	28 MM	30 MM	30 MM
WORKING WIDTH	24 INCH	24 INCH	26 INCH	26 INCH
MOULD BOARD	8 MM	8 MM	10 MM	10 MM
SHOVEL POINT	25x32 MM	25x32 MM	30x30 MM	30x30 MM
BEARING	32215	33019	33019	33019
REVERSING MECHANISM	HYDRIDIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
DEPTH OF CUT	10-11 INCH	10-11 INCH	10-11 INCH	10-11 INCH
HEIGHT	53 INCH	53 INCH	53 INCH	53 INCH
WEIGHT	380 KG	430 KG	460 KG	500 KG
POWER REQUIRED FOR TRACTOR	45 HP & ABOVE	45-48 HP	48-50 HP	52 HP & ABOVE

\* Approved by govt. for subsidy



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## ADAG-CHISEL PLOUGH

### TECHNICAL SPECIFICATION

MODEL	ADAG 5	ADAG 7
TYNE THICKNESS	30 MM	30 MM
NO. OF TYNES	5	7
FRAME TYPE	BOX TYPE FRAME	
INTER TYNE DISTANCE	15 INCH	
TYNE HEIGHT	24 INCH	
MAST HEIGHT FROM GROUND LEVEL	1145-1195-1245 (MM)	
HEIGHT	52 INCH	
WIDTH	46 INCH	
LENGTH	71 INCH	102 INCH
TOTAL WEIGHT	325 KG	460 KG
WIDTH OF CUT	71 INCH	102 INCH
POWER REQUIRED FOR TRACTOR	45 HP & ABOVE	65 HP & ABOVE

\* Approved by govt. for subsidy (ADAG 5)





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## M.B. PLOUGH



**MBP PLUS**



**MBP 2**



**MBP SS**

### TECHNICAL SPECIFICATION

MODEL	MBP PLUS	MBP 2	MBP SS
NO. OF FURROW	2		
FRAME	100x20 MS FLAT		
TYNE THICKNESS	40 MM		
WORKING WIDTH	28 INCH		
MOULD BOARD	24 MM		
SHOVEL POINT	25 x 32 MM		
DEPTH OF CUT	10-11 INCH		
HEIGHT	45.5 INCH		
WEIGHT	194 KG	185 KG	197 KG
POWER REQUIRED FOR TRACTOR	35 HP & ABOVE		

\* Approved by govt. for subsidy (MBP PLUS & MBP 2)

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## VDP-DISC PLOUGH



### TECHNICAL SPECIFICATION

MODEL	VDP
FRAME (L X W)	38.2x36.22 INCH
FRAME TYPE	FABRICATED SQUARE TUBE
NO. OF DISC	2
DISC DIA AND THICKNESS	26 INCH & 4 MM
WORKING WIDTH	12 INCH
OVERALL LENGTH	68 INCH
OVERALL WIDTH	38 INCH
OVERALL HEIGHT	40 INCH
TOTAL WEIGHT	261 KG
POWER REQUIRED FOR TRACTOR	40 HP & ABOVE

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## B SERIES - CULTIVATOR

### TECHNICAL SPECIFICATION

MODEL	289B	309B
TYNE THICKNESS	28 MM	30 MM
NO. OF TYNES	9	
FRAME TYPE	BOX TYPE FRAME	
INTER TYNE DISTANCE	ADJUSTABLE 228 MM	
GAP BETWEEN FRONT TYNE & REAR TYNE	15 INCH	
TYNE HEIGHT	16 INCH	
MAST HEIGHT FROM GROUND LEVEL	1000-1050-1150 (MM)	
HEIGHT	42 INCH	
WIDTH	26 INCH	
LENGTH	78 INCH	
TOTAL WEIGHT	196 KG	200 KG
WIDTH OF CUT	77 INCH	
POWER REQUIRED FOR TRACTOR	35 HP & ABOVE	



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## YUG SERIES-CULTIVATOR

### TECHNICAL SPECIFICATION

MODEL (11 TYNE FIX)	YUG 15 X	YUG 30 X
TYNE THICKNESS	28 MM	30 MM
NO. OF TYNES	11	
FRAME TYPE	BOX TYPE FRAME	
INTER TYNE DISTANCE	ADJUSTABLE 228 MM	
GAP BETWEEN FRONT TYNE & REAR TYNE	19 INCH	
TYNE HEIGHT	18 INCH	
MAST HEIGHT FROM GROUND LEVEL	1050-1100-1150 (MM)	
HEIGHT	47 INCH	
WIDTH	30.5 INCH	
LENGTH	96 INCH	
TOTAL WEIGHT	271 KG	280 KG
WIDTH OF CUT	95 INCH	
POWER REQUIRED FOR TRACTOR	45 HP & ABOVE	





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## GAJRAJ SERIES- CULTIVATOR



### TECHNICAL SPECIFICATION

MODEL	GAJRAJ
TYNE THICKNESS	30 MM
NO. OF TYNES	9
FRAME TYPE	3-SUPPORT BOX TYPE FRAME
INTER TYNE DISTANCE	ADJUSTABLE 228 MM
GAP BETWEEN FRONT TYNE & REAR TYNE	23 INCH
TYNE HEIGHT	18 INCH
MAST HEIGHT FROM GROUND LEVEL	1050-1100-1150 (MM)
HEIGHT	47 INCH
WIDTH	34.5 INCH
LENGTH	78 INCH
TOTAL WEIGHT	240 KG
WIDTH OF CUT	77 INCH
POWER REQUIRED FOR TRACTOR	40 HP & ABOVE

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## GAJRAJ SERIES- FOLDING CULTIVATOR



### TECHNICAL SPECIFICATION

MODEL	GAJRAJ F
TYNE THICKNESS	30 MM
NO. OF TYNES	11
FRAME TYPE	3-SUPPORT BOX TYPE FRAME
INTER TYNE DISTANCE	ADJUSTABLE 228 MM
GAP BETWEEN FRONT TYNE & REAR TYNE	23 INCH
TYNE HEIGHT	18 INCH
MAST HEIGHT FROM GROUND LEVEL	1050-1100-1150 (MM)
HEIGHT	47 INCH
WIDTH	32 INCH
LENGTH	96 INCH
TOTAL WEIGHT	303 KG
WIDTH OF CUT	95 INCH
POWER REQUIRED FOR TRACTOR	40 HP & ABOVE



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## VVN SERIES - CULTIVATOR

### TECHNICAL SPECIFICATION

MODEL	VVN 9	VVN 11	VVN 13
TYNE THICKNESS	30 MM		
NO. OF TYNES	9	11	13
FRAME TYPE	BOX TYPE FRAME		
INTER TYNE DISTANCE	228 MM		
GAP BETWEEN FRONT TYNE & REAR TYNE	19 INCH		
TYNE HEIGHT	20-22 INCH		
MAST HEIGHT FROM GROUND LEVEL	1185-1235-1285-1335 (MM)		
HEIGHT	54 INCH		
WIDTH	49 INCH		
LENGTH	96 INCH	96 INCH	114 INCH
TOTAL WEIGHT	305 KG	351 KG	400 KG
WIDTH OF CUT	91 INCH	95 INCH	113 INCH
POWER REQUIRED FOR TRACTOR	45 HP & ABOVE	50 HP & ABOVE	55 HP & ABOVE



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## RVD & MINI SERIES - CULTIVATOR

### TECHNICAL SPECIFICATION

MODEL	RVD	MAC 1	NC 1
TYNE THICKNESS	30 MM	25 MM	25 MM
NO. OF TYNES	11	7	7
FRAME TYPE	BOX TYPE FRAME	RIGID TYPE FRAME	BOX TYPE FRAME
INTER TYNE DISTANCE	228 MM	ADJUSTABLE 228 MM	ADJUSTABLE 228 MM
GAP BETWEEN FRONT TYNE & REAR TYNE	21 INCH	14.7 INCH	16.5 INCH
TYNE HEIGHT	20-22 INCH	13-16 INCH	14 INCH
MAST HEIGHT FROM GROUND LEVEL	1180-1230-1280 (MM)	880-920-955 (MM)	950-850 (MM)
HEIGHT	50 INCH	39 INCH	33 INCH
WIDTH	40 INCH	29 INCH	24 INCH
LENGTH	96 INCH	60 INCH	60 INCH
TOTAL WEIGHT	293 KG	143 KG	115 KG
WIDTH OF CUT	95 INCH	59 INCH	59 INCH
POWER REQUIRED FOR TRACTOR	45 HP & ABOVE	25 HP & ABOVE	25 HP & ABOVE



**RVD**



**MINI**



**NC 1**



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## BUND FORMER / BED MAKER



### TECHNICAL SPECIFICATION

MODEL	BF PLUS
FRAME	SQUARE TUBE FRAME
BOARD SIZE	34 x 14 INCH
MIN. DISTANCE BETWEEN FORMING BOARD (FRONT/REAR)	28/19 INCH
MIN. DISTANCE BETWEEN FORMING BOARD (FRONT/REAR)	55/30 INCH
GROUND CLEARANCE (MAX/MIN)	24/22 INCH
BLADE MATERIAL	HIGH CARBON BLADE
LENGTH	42 INCH
WIDTH	38 INCH
HEIGHT	41 INCH
WEIGHT	91.2 KG
POWER REQUIRED FOR TRACTOR	35 HP & ABOVE

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## LAND LEVELLER



### TECHNICAL SPECIFICATION

MODEL	LL PLUS
SHEET THICKNESS	6 MM
HEIGHT	43 INCH
WIDTH	40 INCH
LENGTH	72 INCH
BLADE MATERIAL	HIGH CARBON BLADE
MAST HEIGHT FROM GROUND LEVEL	40-42 INCH
WEIGHT	145 KG
POWER REQUIRED FOR TRACTOR	35 HP & ABOVE

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## GOKUL-2 & GOKUL-2 PLUS-CHAFF CUTTERS



### TECHNICAL SPECIFICATION

MODEL	GOKUL-2 BKU2HPCFFT	GOKUL-2 PLUS
Overall Dimension	Length - 1405 mm Width - 1375 mm Height - 1315 mm	Length - 1600 mm Width - 1500 mm Height - 1335 mm
Power Unit	Single Phase	Single Phase
Motor	2.0 HP Electrical Motor	2.0 HP Electrical Motor
RPM	1440 RPM	1440 RPM
Hz	50 Hz	50 Hz
Voltage	220V, 12 A	220V, 12 A
Number of Blades	Three Blades (2 Rotating Blades, 1 Fixed)	Three Blades (2 Rotating Blades, 1 Fixed)

\* Accessory shown may not be part of standard fitment



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## GOKUL-9 & GOKUL-10 PLUS-CHAFF CUTTERS



HALF ROUND BLADE



STRAIGHT BLADE

### TECHNICAL SPECIFICATION

MODEL	GOKUL-9 BKUCFTMB-2HP	GOKUL-10 PLUS
Overall Dimension	Length - 1600 mm Width - 1500 mm Height - 1375 mm	Length - 1600 mm Width - 1500 mm Height - 1335 mm
Power Unit	Single Phase	Single Phase
Motor	2.0 HP Electrical Motor	3.0 HP Electrical Motor
RPM	1440 RPM	1440 RPM
Hz	50 Hz	50 Hz
Voltage	220V, 12 A	220V, 12 A
Number of Blades	Three Blades (2 Rotating Blades, 1 Fixed)	Three Blades (2 Rotating Blades, 1 Fixed)
Pulley	1 B	2 B



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## GOKUL-1 PLUS-CHAFF CUTTER

### TECHNICAL SPECIFICATION

MODEL	GOKUL-1 PLUS
Overall Dimension	Length - 1400 mm Width - 430 mm Height - 920 mm
Power Unit	Single Phase
Motor	2.0 HP Electrical Motor
RPM	1440 RPM
Hz	50 Hz
Voltage	220V, 12 A
Number of Blades	Three Blades [2 Rotating Blades, 1 Fixed]



## POWER PACK - CHAFF CUTTER

### TECHNICAL SPECIFICATION

MODEL	POWER PACK
Overall Dimension	Length - 100 mm Width - 450 mm Height - 825 mm
Power Unit	Three Phase
Motor	3.0 HP Electrical Motor
RPM	2800 RPM
Hz	NA
Voltage	220V, 12A
CAPACITY	400 - 1200 kg/hr
Number of Blades	Four Blades





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## GOKUL-7 PLUS -TRACTOR OPERATED CHAFF CUTTER



### TECHNICAL SPECIFICATION

MODEL	GOKUL-7 PLUS
Overall Dimension	Length - 3200 mm Width - 1650 mm Height - 1580 mm
Power Unit	Tractor PTO - 35 HP and Above
Motor	2.0 HP Electrical Motor
RPM	1440 RPM
Hz	50 Hz
Voltage	220V
Number of Blades	Four Blades (3 Rotating Blades, 1 Fixed)



## BKUPFAN-1 - WINNOWING FAN



### TECHNICAL SPECIFICATION

MODEL	WINNOWING FAN (BKUPFAN 1)
Overall Dimension	Length - 865 mm Width - 960 mm Height - 1600 mm
Power Unit	Single Phase
Flanch	Aluminum
Motor	0.5 HP Electrical Motor
RPM	1500 RPM with safety guard



## AGRICULTURE | GARDENING | IRRIGATION

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