



*High Quality*  
**ROTARY TILLER**



*Shivam*  
**ENTERPRISE**

[www.krushitech.com](http://www.krushitech.com)



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Best Suitable For Small Compact Tractor

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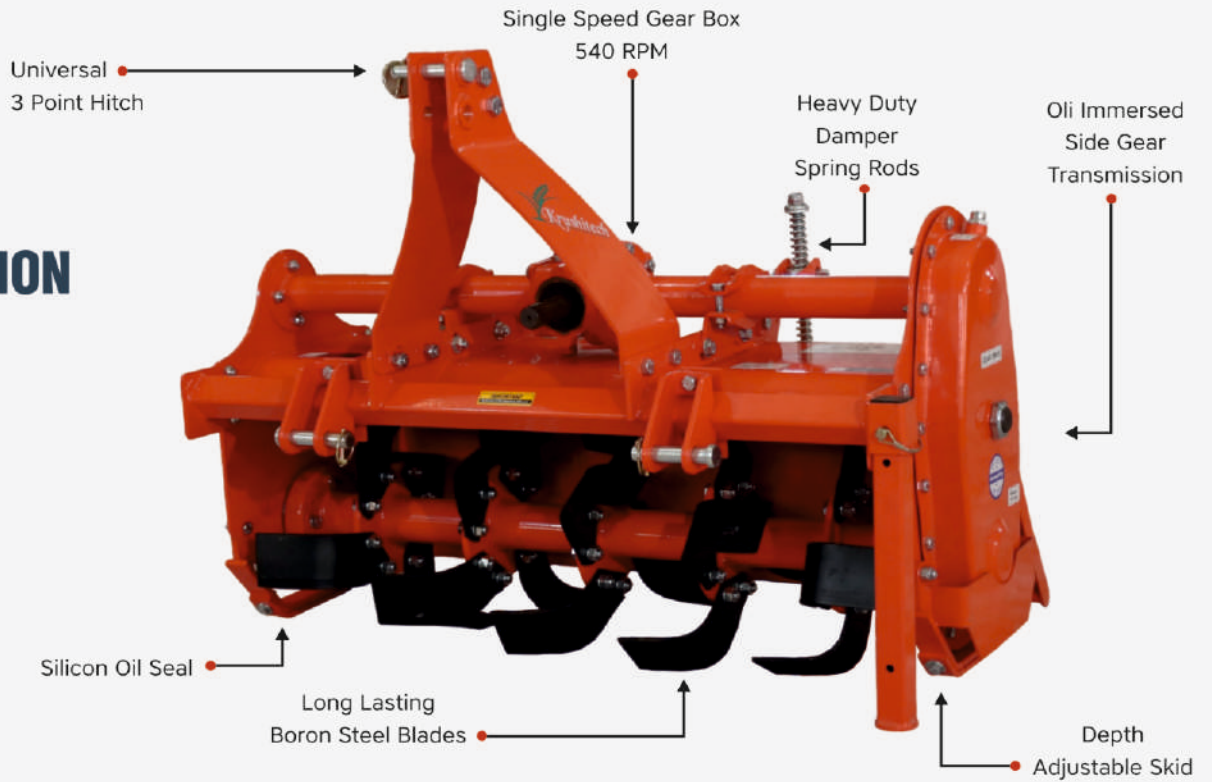
## MINI SERIES **ROTARY TILLER**

- Sturdy compact design suitable 15+ hp tractor
- superior soil pulverization for optimum seed germination
- Best Suitable for small scale farming application like inter cultivation in row crops, green houses & Orchards



AVAILABLE IN SINGLE SPEED ALSO

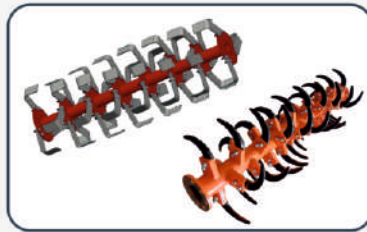
# TECHNICAL SPECIFICATION



Silicon oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTMR - 2.5	KTMR - 3	KTMR-3.5	KTMR - 4
OVERALL LENGTH (MM)	840	1020	1203	1393
OVERALL WIDTH (MM)	645			
OVERALL HEIGHT (MM)	925			
TILLING WIDTH (MM/INCH)	632/24.8	812/32	995/39	1185/46.6
TRACTOR POWER HP/KW	15-22	12-22	15-25	25-30
	11-17	9-17	11-19	19-22
3-POINT HITCH TYPE	CAT-I			
FRAME OFF-SET (MM/INCH)	5/0.2	1.5/0.5	0	3/0.12
NUMBER OF TINES (L/C-70X7)	12	16	20	24
NUMBER OF TINES (J-40X7)	16	18	22	26
STANDARD TINES CONSTRUCTION	CURVED/SQUARE			
TRANSMISSION TYPE	GEAR			
MAX. WORKING DEPTH (MM/INCH)	170/6.7			
ROTOR TUBE DIAMETER (MM/INCH)	73.25			
ROTOR SWING DIAMETER (MM/INCH)	413/16.2			
WEIGHT (KG/LBS)	168/369.6	180/396.8	195/429.9	210/462.9

SERIES	INPUT RPM	GEAR BOX TYPE	DRIVE	ROTOR RPM
MINI	540	SS	GD	215



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Specially designed for sugarcane inter-cultivation and earthing up operation for better growth.

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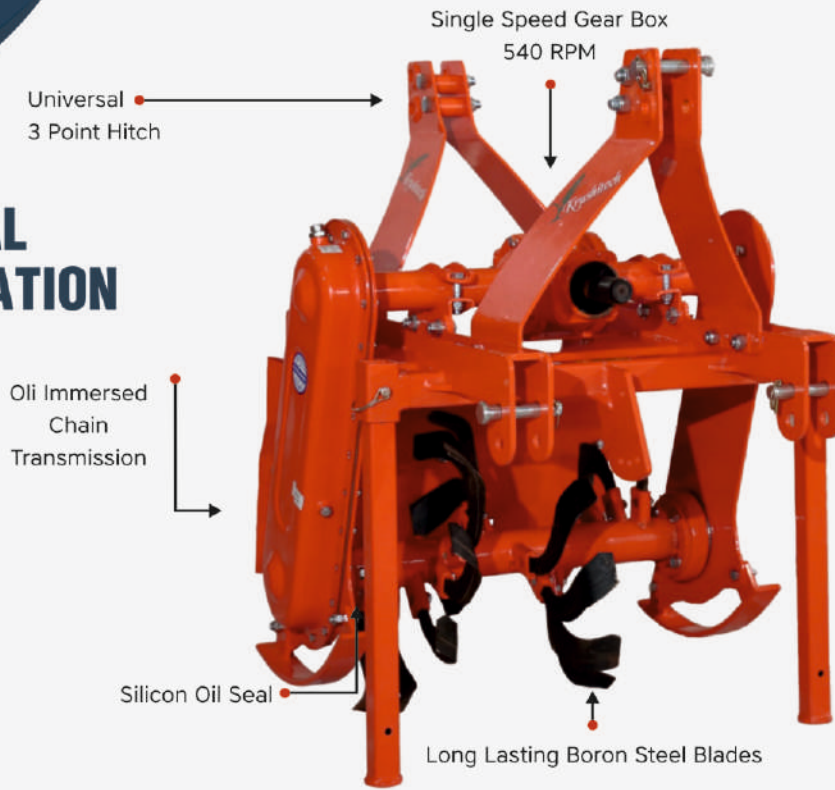
## REVERSE **FORWARD SERIES ROTARY**

- Best suitable for tillage and earthing up operation
- Specially designed J type boron steel blades
- Heavy duty robust structure
- Twin direction single speed gear box
- Best suitable for controlling weeds
- Improves infiltration & seepage of water



AVAILABLE IN SINGLE SPEED ALSO

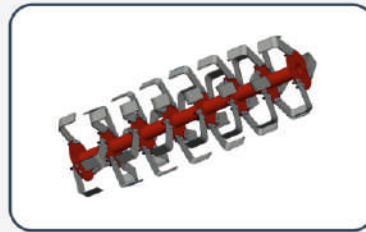
# TECHNICAL SPECIFICATION



Silicon oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTRF-2.5	KTRF-3	KTRF-3.5
OVERALL LENGTH (MM)	793	1015	1203
OVERALL WIDTH (MM)	980		
OVERALL HEIGHT (MM)	1085		
TILLING WIDTH (MM/INCH)	585/23.03	807/31.7	995/39.1
TRACTOR POWER HP/KW	15-20	20-25	25-30
	11-15	15-19	19-22
3-POINT HITCH TYPE	CAT-I		
FRAME OFF-SET (MM/INCH)	5.5/0.2	4.5/0.18	0
NUMBER OF TINES (J-40X7)	18	22	26
STANDARD TINES CONSTRUCTION	CURVED/SQUAR		
TRANSMISSION TYPE	CHAIN		
MAX. WORKING DEPTH (MM/INCH)	200/7.87		
ROTOR TUBE DIAMETER (MM/INCH)	73/2.8		
ROTOR SWING DIAMETER (MM/INCH)	473/18.6		
WEIGHT (KG/LBS)	172/379.2	195/429.9	197/434.3

ROTOR RPM CHART				
SERIES	INPUT RPM	GEAR BOX TYPE	DRIVE	ROTOR RPM
REVERSE FORWARD	540	SS	CD	244



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Best Suitable for small compact tractors and suitability for multiple speeds.

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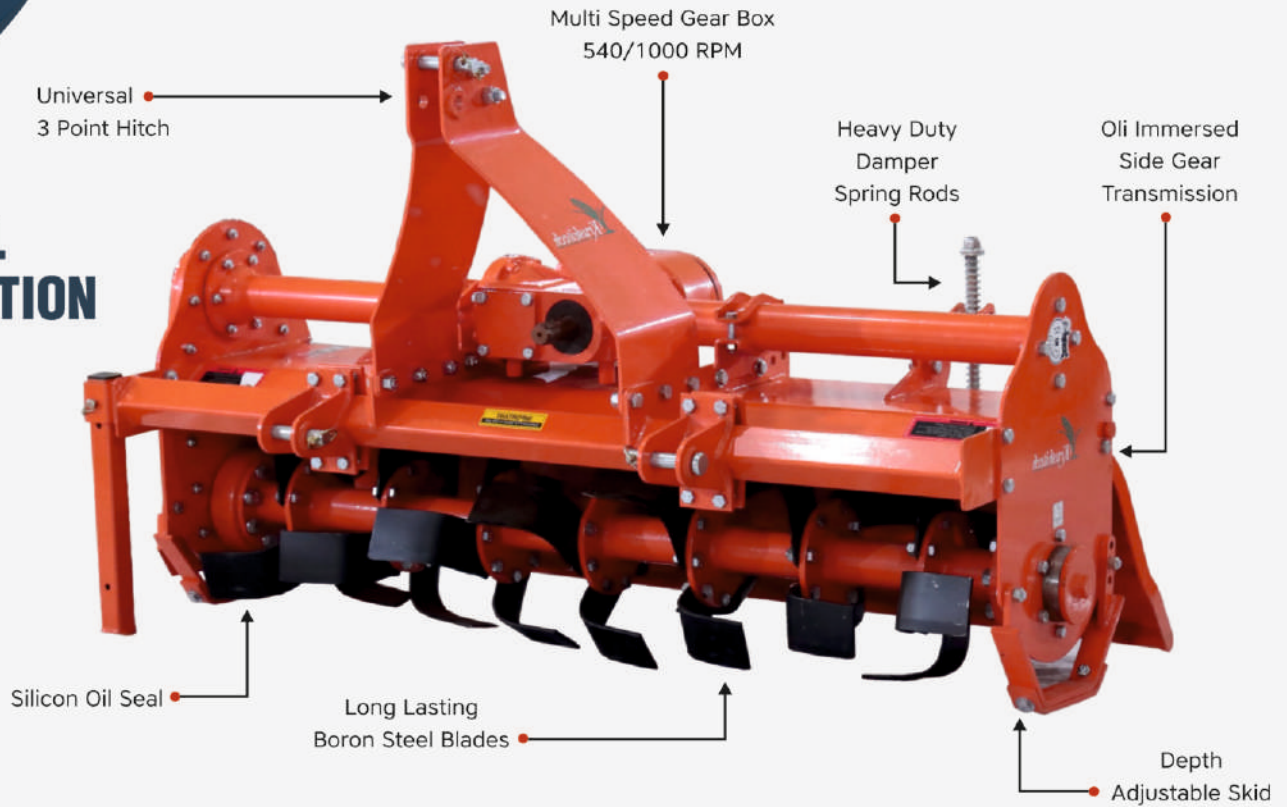
## ORCHED **SERIES ROTRAY TILLER**

- Best Suitable For 26+ hp tractor
- Superior Soil pulverization for optimum seed germination
- Reliable multispeed gear box offers wider range of rotor speeds for multiple orchard applications
- Renowned 11 x 18 both crown pinion for Suitable to work



AVAILABLE IN SINGLE SPEED ALSO

# TECHNICAL SPECIFICATION



Silicon oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTOR-3.5	KTOR-4	KTOR-4.5
OVERALL LENGTH (MM)	1192	1385	1595
OVERALL WIDTH (MM)		685	
OVERALL HEIGHT (MM)		980	
TILLING WIDTH (MM/INCH)	967/38	1157/45.5	1367/53.8
TRACTOR POWER HP/KW	25-25	25-30	30-35
	15-19	19-22	22-26
3-POINT HITCH TYPE		CAT-II	
FRAME OFF-SET (MM/INCH)	3/0.1	22/0.8	2/0.07
NUMBER OF TINES (L/C-70X7)	20	24/30	28
NUMBER OF TINES (SPIKE-TYPE)	26	30	36
STANDARD TINES CONSTRUCTION		SQUARE/CURVED	
TRANSMISSION TYPE		GEAR	
MAX. WORKING DEPTH (MM/INCH)		170/6.7	
ROTOR TUBE DIAMETER (MM/INCH)		73.28	
ROTOR SWING DIAMETER (MM/INCH)		413/16.2	
DRIVELINE SAFETY DEVICE		SHEAR BOLT	
WEIGHT (KG/LBS)	250/551.1	270/595.2	290/639.3

SERIES	INPUT RPM	GEAR BOX	SUPER GEAR-1	SUPER GEAR-2	ROTOR SPEED
ORCHED	540	MS	16	19	181
			17*	18*	203
			18	17	228
			19	16	255
	1000		13	22	236



## REGULAR **SERIES ROTRAY TILLER**

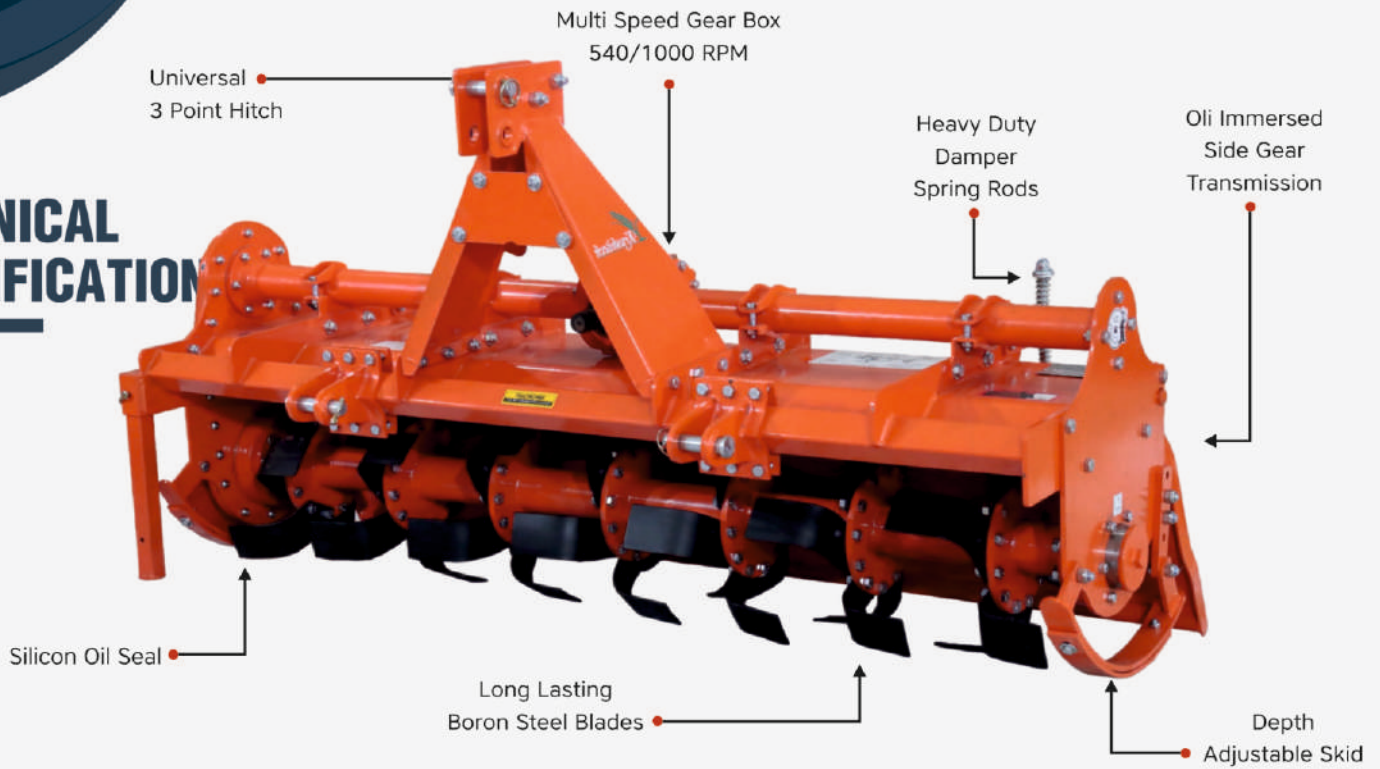
- Regular rotary tiller is a secondary Tillage implement offering Best in class pulverization and optimum seed germination
- Equipped with heavy duty multi speed Gearbox for wider range of rotor speeds
- Ensures excellent cutting and mixing of crop residue
- Renowned 11 x 18 both crown pinion for Suitable to work



AVAILABLE IN SINGLE SPEED ALSO



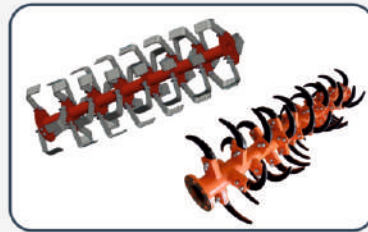
# TECHNICAL SPECIFICATION



Silicon oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTRG-4	KTRG-5	KTRG-5.5	KTRG-6	KTRG-7	KTRG-8
OVERALL LENGTH (MM)	1510	1745	1925	2010	2223	2528
OVERALL WIDTH (MM)	735					
OVERALL HEIGHT (MM)	1180					
TILLING WIDTH (MM/INCH)	1267/49.8	1502/59.1	1682/66.2	1767/69.5	1980/78	2285/90
TRACTOR POWER HP/KW	40-50	40-60	45-55	45-60	55-65	60-70
	22-30	34-37	34-41	34-45	41-48	45-56
3-POINT HITCH TYPE	CAT-II					
FRAME OFF-SET (MM/INCH)	1/0.40	0.5/0.02	8.5/0.33	34/1.33	29.5/1.16	33/1.3
NUMBER OF TINES (L/C-80X7)	30	36	39/42	42	48	54
NUMBER OF TINES (L/C-70X7)	36	42	48	54	60	66
NUMBER OF TINES (SPIKE-TYPE)	34	42	46	48	54	64
STANDARD TINES CONSTRUCTION	SQUARE/CURVED					
TRANSMISSION TYPE	GEAR					
MAX. WORKING DEPTH (MM/INCH)	180/7.1					
ROTOR TUBE DIAMETER (MM/INCH)	89/3.5					
ROTOR SWING DIAMETER (MM/INCH)	450/17.7					
DRIVELINE SAFETY DEVICE	SHEAR BOLT					
WEIGHT (KG/LBS)	355/782.6	375/826.7	390/859.8	410/903.8	435/959.01	450/992.08

## ROTOR RPM CHART

SERIES	INPUT RPM	GEAR BOX	SUPER GEAR-1	SUPER GEAR-2	ROTOR SPEED
REGULAR	540	MS	16	19	184
			17*	18*	206
			18	17	231
			19	16	258
	1000		13	22	239



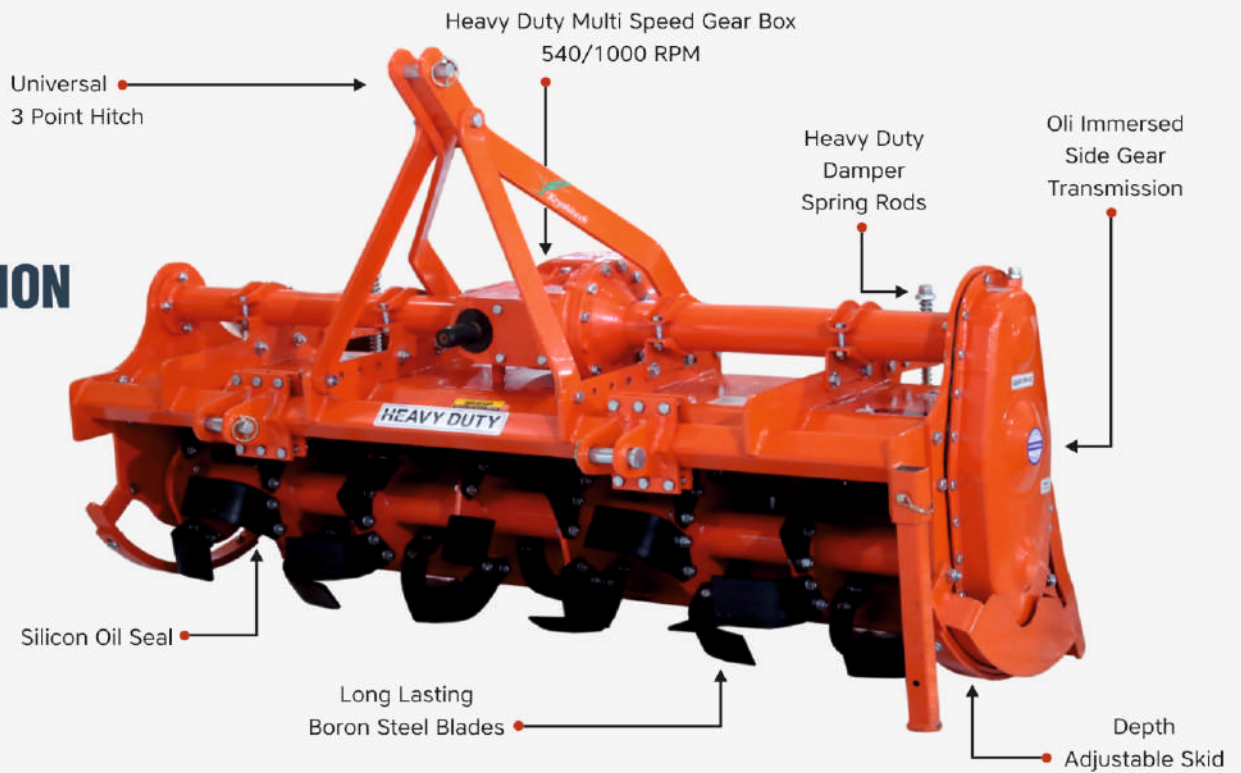
## SEMI CHAMPION **SERIES ROTRAY TILLER**

- Semi champion rotary tiller is a secondary tillage implement offering Best in class pulverization and optimum seed germination
- Equipped with heavy duty multi speed Gearbox for wider range of rotor speeds
- Ensures excellent cutting and mixing of crop residue
- Renowned 13 x 23 crown pinion for heavy duty work



AVAILABLE IN SINGLE SPEED ALSO

# TECHNICAL SPECIFICATION



Silicon oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTSM-4	KTSM-5	KTSM-5.5	KTSM-6	KTSM-7	KTSM-8
OVERALL LENGTH (MM)	1510	1745	1925	2010	2223	2528
OVERALL WIDTH (MM)	735					
OVERALL HEIGHT (MM)	1110					
TILLING WIDTH (MM/INCH)	1267/49.8	1502/59.1	1682/66.2	1767/69.5	1980/78.0	2285/90
TRACTOR POWER HP/KW	40-50	40-60	50-65	55-70	65-80	75-90
	30-41	34-45	37-48	41-52	49-60	56-67
3-POINT HITCH TYPE	CAT-II					
FRAME OFF-SET (MM/INCH)	12/0.47	17.5/0.68	44.5/1.75	2/0.07	7.5/0.29	0
NUMBER OF TINES (L/C-80X7)	30	36	39/42	42	48	54
NUMBER OF TINES (L/C-70X7)	36	42	48	54	60	66
NUMBER OF TINES (SPIKE-TYPE)	34	42	46	48	54	64
STANDARD TINES CONSTRUCTION	SQUARE/CURVED					
TRANSMISSION TYPE	GEAR					
MAX. WORKING DEPTH (MM/INCH)	195.5/7.8					
ROTOR TUBE DIAMETER (MM/INCH)	89/3.5					
ROTOR SWING DIAMETER (MM/INCH)	450/18.9					
DRIVELINE SAFETY DEVICE	SHEAR BOLT					
WEIGHT (KG/LBS)	410/903.8	430/947.9	455/1003.1	470/1036.1	490/10802	515/1135.3

## ROTOR RPM CHART

SERIES	INPUT RPM	GEAR BOX	SUPER GEAR-1	SUPER GEAR-2	ROTOR SPEED
SEMI CHAMPION	540	MS	16	19	184
			17*	18*	206
			18	17	231
			19	16	258
			13	22	239
	1000				



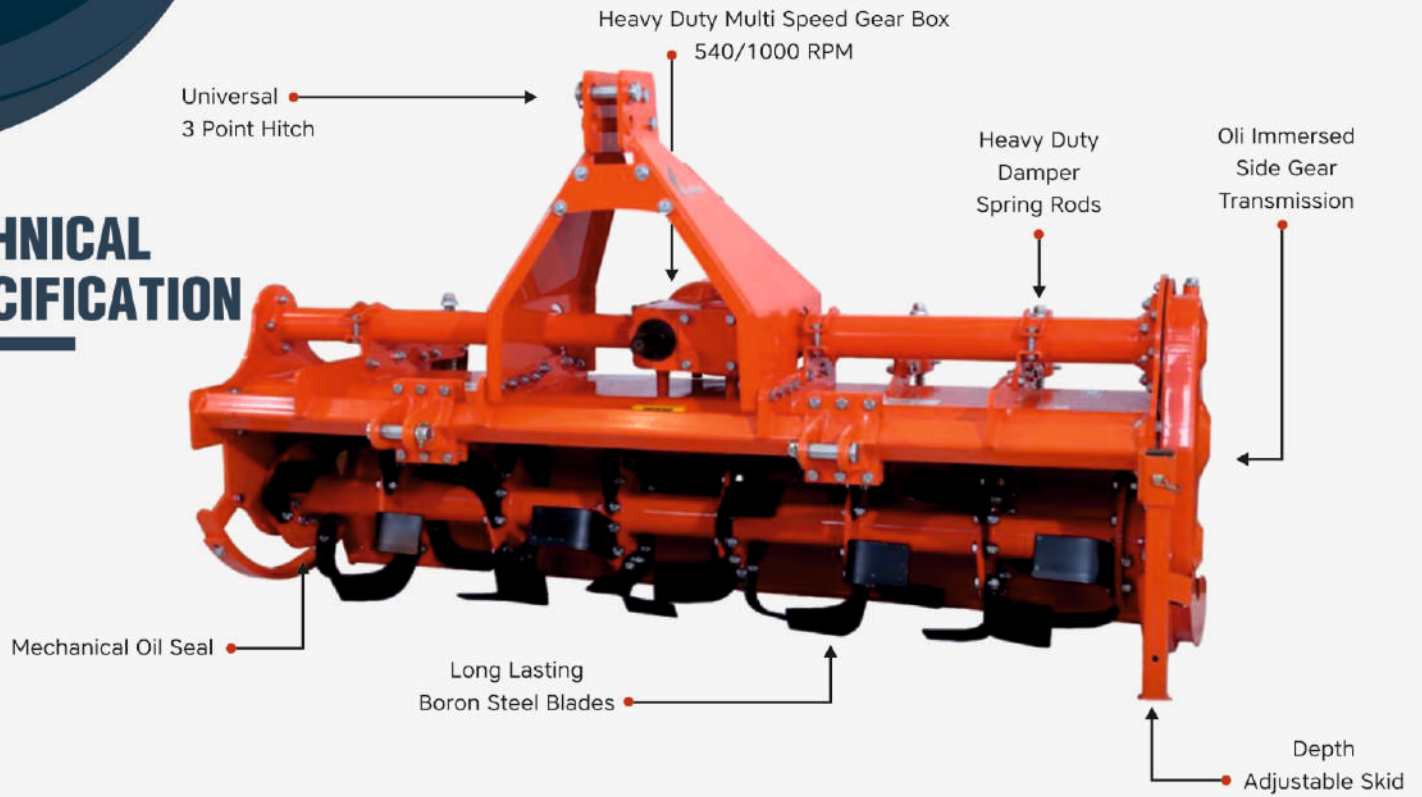
## SEMICAMPION **PLUS SERIES ROTARY TILLER**

- Semi champion plus rotary tiller is a secondary tillage implement offering Best in class pulverization and optimum seed germination
- Robust hitch pyramid for better load distribution
- Equipped with heavy duty multi speed Gearbox for wider range of rotor speeds
- Ensures excellent cutting and mixing of crop residue
- Renowned 13 x 23 crown pinion for heavy duty work



AVAILABLE IN SINGLE SPEED ALSO

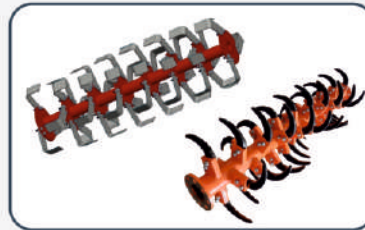
# TECHNICAL SPECIFICATION



Mechanical oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTSM-4	KTSM-5	KTSM-5.5	KTSM-6	KTSM-7	KTSM-8
OVERALL LENGTH (MM)	1510	1745	1925	2010	2223	2528
OVERALL WIDTH (MM)	735					
OVERALL HEIGHT (MM)	1110					
TILLING WIDTH (MM/INCH)	1256/49.5	1491/58.7	1671/65.8	1756/69.2	1969/77.5	2274/89.6
TRACTOR POWER HP/KW	40-50	45-60	50-65	55-70	66-80	75-90
	30-41	34-45	37-48	47-52	49-60	56-67
3-POINT HITCH TYPE	CAT-II					
FRAME OFF-SET (MM/INCH)	12/0.47	17.5/0.68	44.5/1.75	2/0.07	7.5/0.29	0
NUMBER OF TINES (L/C-80X7)	30	36	39/42	42	48	54
NUMBER OF TINES (L/C-70X7)	36	42	48	54	60	66
NUMBER OF TINES (SPIKE-TYPE)	34	42	46	48	54	64
STANDARD TINES CONSTRUCTION	SQUARE/CURVED					
TRANSMISSION TYPE	GEAR					
MAX. WORKING DEPTH (MM/INCH)	195.5/7.8					
ROTOR TUBE DIAMETER (MM/INCH)	89/3.5					
ROTOR SWING DIAMETER (MM/INCH)	450/18.9					
DRIVELINE SAFETY DEVICE	SHEAR BOLT					
WEIGHT (KG/LBS)	430/947	455/1003.1	480/1058.2	500/1102.3	520/1146.4	535/1179.4

## ROTOR RPM CHART

SERIES	INPUT RPM	GEAR BOX	SUPER GEAR-1	SUPER GEAR-2	ROTOR SPEED
SEMI CHAMPION	540	MS	16	19	184
			17*	18*	206
			18	17	231
			19	16	258
PLUS	1000		13	22	239



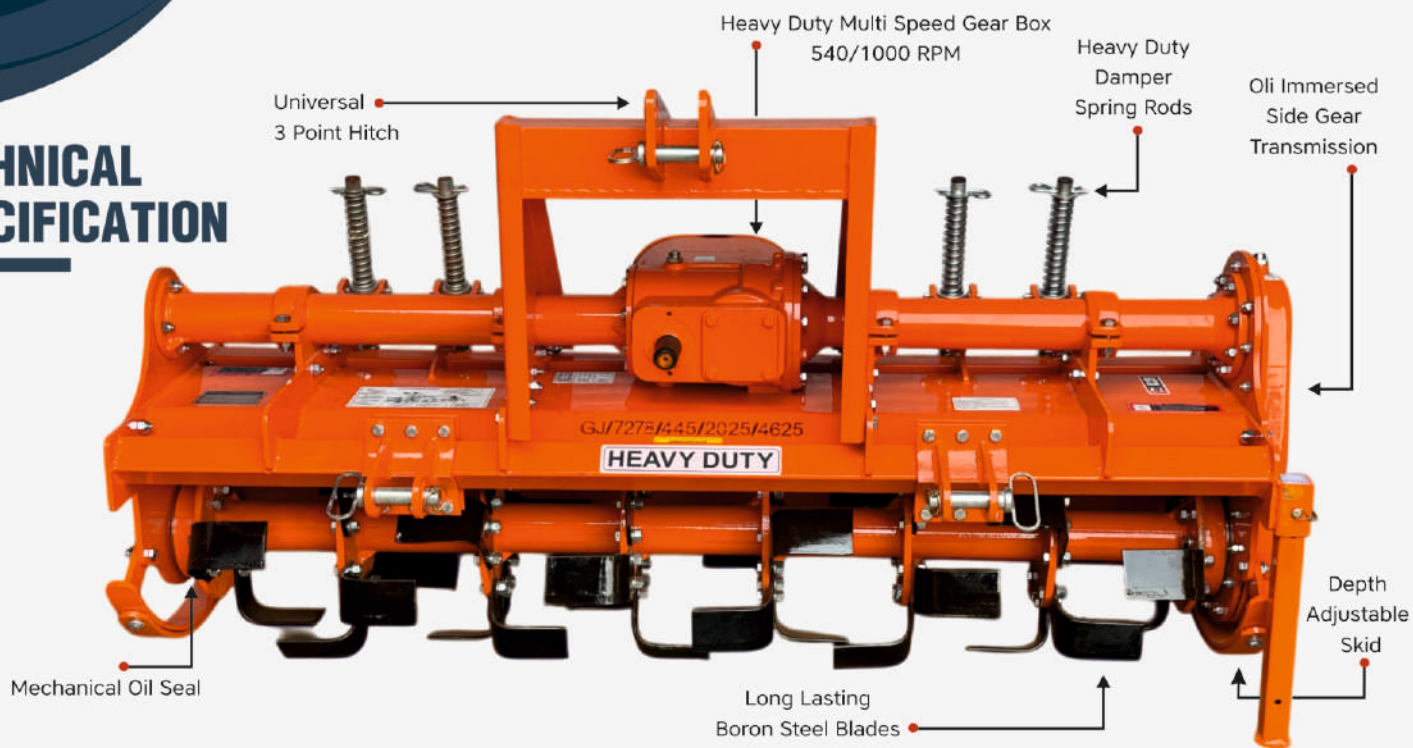
## CHALLENGER **SERIES ROTARY TILLER**

- Challenger rotary tiller is a secondary tillage implement offering Best in class pulverization and optimum seed germination
- Robust hitch pyramid for better load distribution
- Equipped with heavy duty multi speed Gearbox for wider range of rotor speeds
- Ensures excellent cutting and mixing of crop residue
- Renowned 13 x 23 crown pinion for heavy duty work



AVAILABLE IN SINGLE SPEED ALSO

# TECHNICAL SPECIFICATION



Mechanical oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTCL-5	KTCL-5.5	KTCL-6	KTCL-7	KTCL-8
OVERALL LENGTH (MM)	1745	1925	2010	2223	2528
OVERALL WIDTH (MM)	735				
OVERALL HEIGHT (MM)	1110				
TILLING WIDTH (MM/INCH)	1491/58.7	1671/65.8	1756/69.2	1969/77.5	2274/89.6
TRACTOR POWER HP/KW	45-60	50-65	55-70	66-80	75-90
	34-45	37-48	47-52	49-60	56-67
3-POINT HITCH TYPE	CAT-II				
FRAME OFF-SET (MM/INCH)	17.5/0.68	44.5/1.75	2/0.07	7.5/0.29	0
NUMBER OF TINES (L/C-80X7)	36	39/42	42	48	54
NUMBER OF TINES (L/C-70X7)	42	48	54	60	66
NUMBER OF TINES (SPIKE-TYPE)	42	46	48	54	64
STANDARD TINES CONSTRUCTION	SQUARE/CURVED				
TRANSMISSION TYPE	GEAR				
MAX. WORKING DEPTH (MM/INCH)	195.5/7.8				
ROTOR TUBE DIAMETER (MM/INCH)	89/3.5				
ROTOR SWING DIAMETER (MM/INCH)	450/18.9				
DRIVELINE SAFETY DEVICE	SHEAR BOLT				
WEIGHT (KG/LBS)	500/1100	515/1133	530/1168	550/1210	570/1254

## ROTOR RPM CHART

SERIES	INPUT RPM	GEAR BOX	SUPER GEAR-1	SUPER GEAR-2	ROTOR SPEED
SEMI CHAMPION	540	MS	16	19	184
			17*	18*	206
			18	17	231
			19	16	258
PLUS	1000		13	22	239



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Specially designed for Heavy Land and Hard Soil working.

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## CHAMPION SERIES ROTARY TILLER

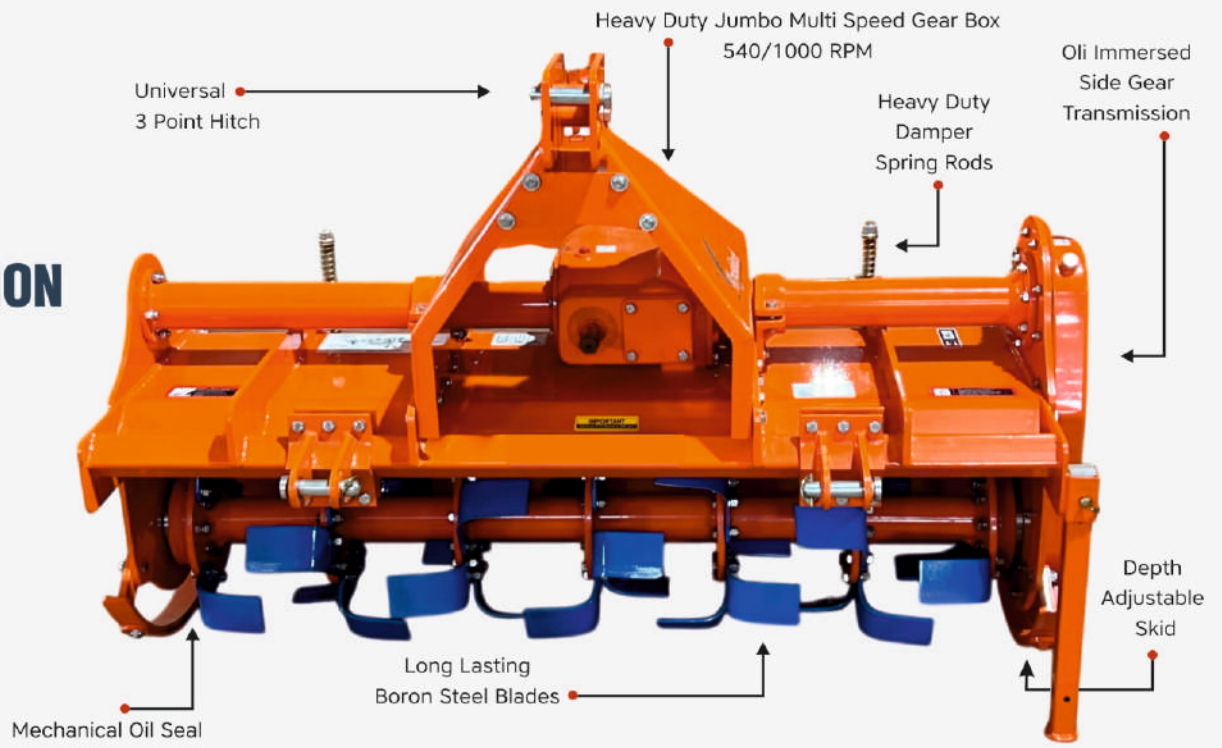
- Best suitable for tillage and earthing up operation
- Specially designed for main platform and Blade Distance
- Heavy duty robust structure
- Twin direction single speed gear box
- Best suitable for controlling weeds
- Improves infiltration & seepage of water



AVAILABLE IN SINGLE SPEED ALSO



# TECHNICAL SPECIFICATION



Mechanical oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTCH - 5	KTCH - 6	KTCH - 7
OVERALL LENGTH (MM)	1745	2010	2223
OVERALL WIDTH (MM)	785		
OVERALL HEIGHT (MM)	1225		
TILLING WIDTH (MM/INCH)	1493/58.77	1758/69.21	1971/77.59
TRACTOR POWER HP/KW	45-60 34-45	55-70 47-52	65-80 49-60
3-POINT HITCH TYPE	CAT-II		
FRAME OFF-SET (MM/INCH)	17.5/0.68	2/0.07	7.5/0.29
NUMBER OF TINES (L/C-80X7)	36	42	48
NUMBER OF TINES (L/C-70X7)	42	54	60
NUMBER OF TINES (SPIKE-TYPE)	42	48	54
STANDARD TINES CONSTRUCTION	SQUARE/CRVED		
TRANSMISSION TYPE	GEAR		
MAX. WORKING DEPTH	205		
ROTOR TUBE DIAMETER	89		
ROTOR SWING DIAMETER	499		
DRIVELINE SAFETY DEVICE	SHEAR BOLT		
WEIGHT (KG/LBS)	520	550	580

SERIES	INPUT RPM	GEAR BOX	SUPER GEAR-1	SUPER GEAR-2	ROTOR SPEED
SEMI CHAMPION	540	MS	16	19	184
			17*	18*	206
			18	17	231
			19	16	258
PLUS	1000		13	22	239



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Specially designed for Farming Bananas

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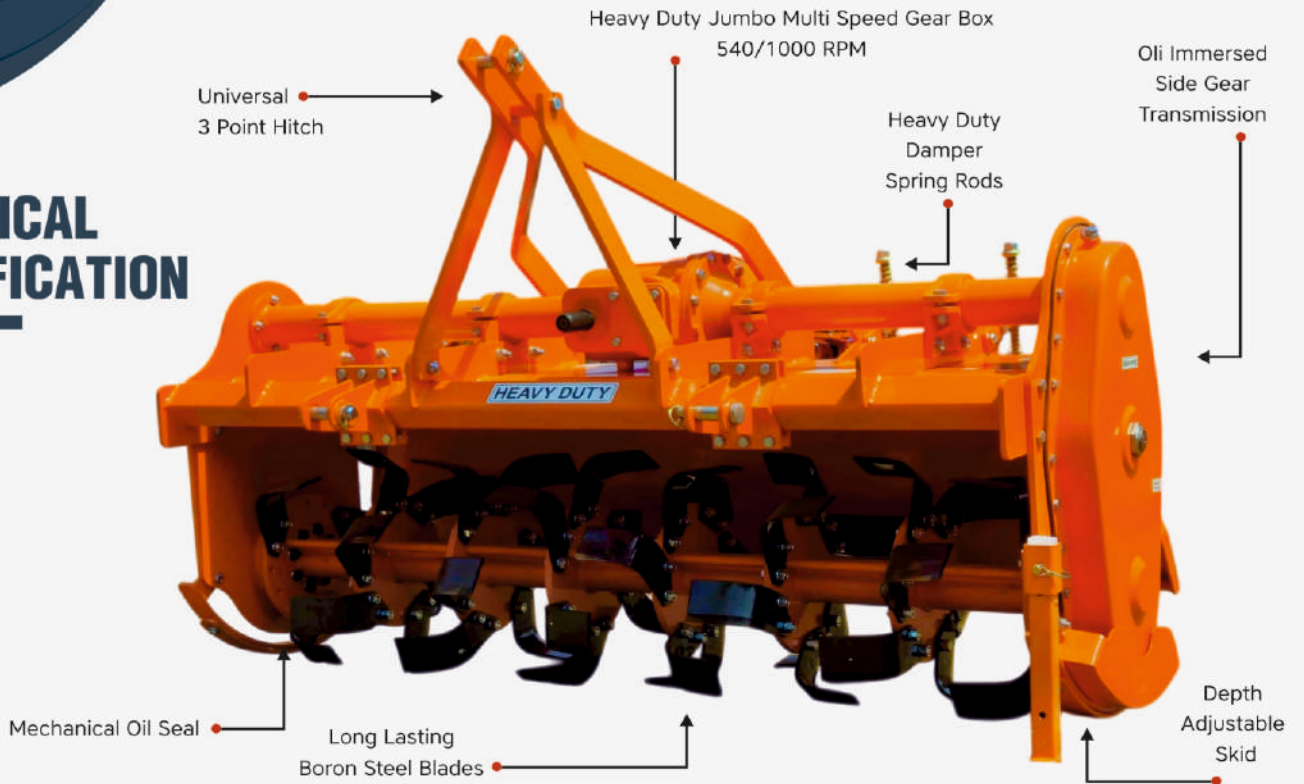
## TUSKAR **SERIES ROTARY TILLER**

- Best suitable for tillage and earthing up operation
- Specially designed For Farming Bananas
- Heavy duty robust structure
- Twin direction single speed gear box
- Best suitable for controlling weeds
- Improves infiltration & seepage of water



AVAILABLE IN SINGLE SPEED ALSO

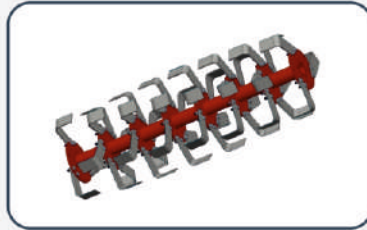
# TECHNICAL SPECIFICATION



Mechanical oil seals



Available with L-Type, C-Type, J-Type boron steel blades



Helical arrangement of blades ensures lesser load on tractor & machine, hence lesser fuel consumption



Bigger and stronger crown & pinion

MODEL	KTTS - 5	KTTS - 6	KTTS - 7
OVERALL LENGTH (MM)	1753	2018	2231
OVERALL WIDTH (MM)	812		
OVERALL HEIGHT (MM)	1315		
TILLING WIDTH (MM/INCH)	1497/58.93	1762/69.37	1975/77.75
TRACTOR POWER HP/KW	45-60	55-70	65-80
	34-45	47-52	49-60
3-POINT HITCH TYPE	CAT-II		
FRAME OFF-SET (MM/INCH)	17.5/0.68	2/0.07	7.5/0.29
NUMBER OF TINES (L/C-80X7)	36	42	48
NUMBER OF TINES (L/C-70X7)	42	54	60
NUMBER OF TINES (SPIKE-TYPE)	42	48	54
STANDARD TINES CONSTRUCTION	SQUARE/CURVED		
TRANSMISSION TYPE	GEAR		
MAX. WORKING DEPTH	210/8.26		
ROTOR TUBE DIAMETER	89/3.50		
ROTOR SWING DIAMETER	509/20.03		
DRIVELINE SAFETY DEVICE	SHEAR BOLT		
WEIGHT (KG/LBS)	550	690	720

ROTOR RPM CHART					
SERIES	INPUT RPM	GEAR BOX	SUPER GEAR-1	SUPER GEAR-2	ROTOR SPEED
SEMI CHAMPION	540	MS	16	19	184
			17*	18*	206
			18	17	231
			19	16	258
PLUS	1000		13	22	239



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Specially designed for Padlling cultivation and earthing up operation for better growth.

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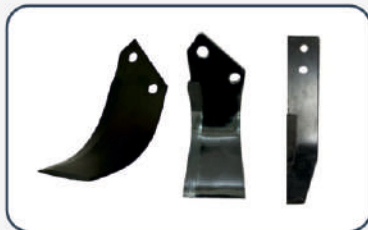
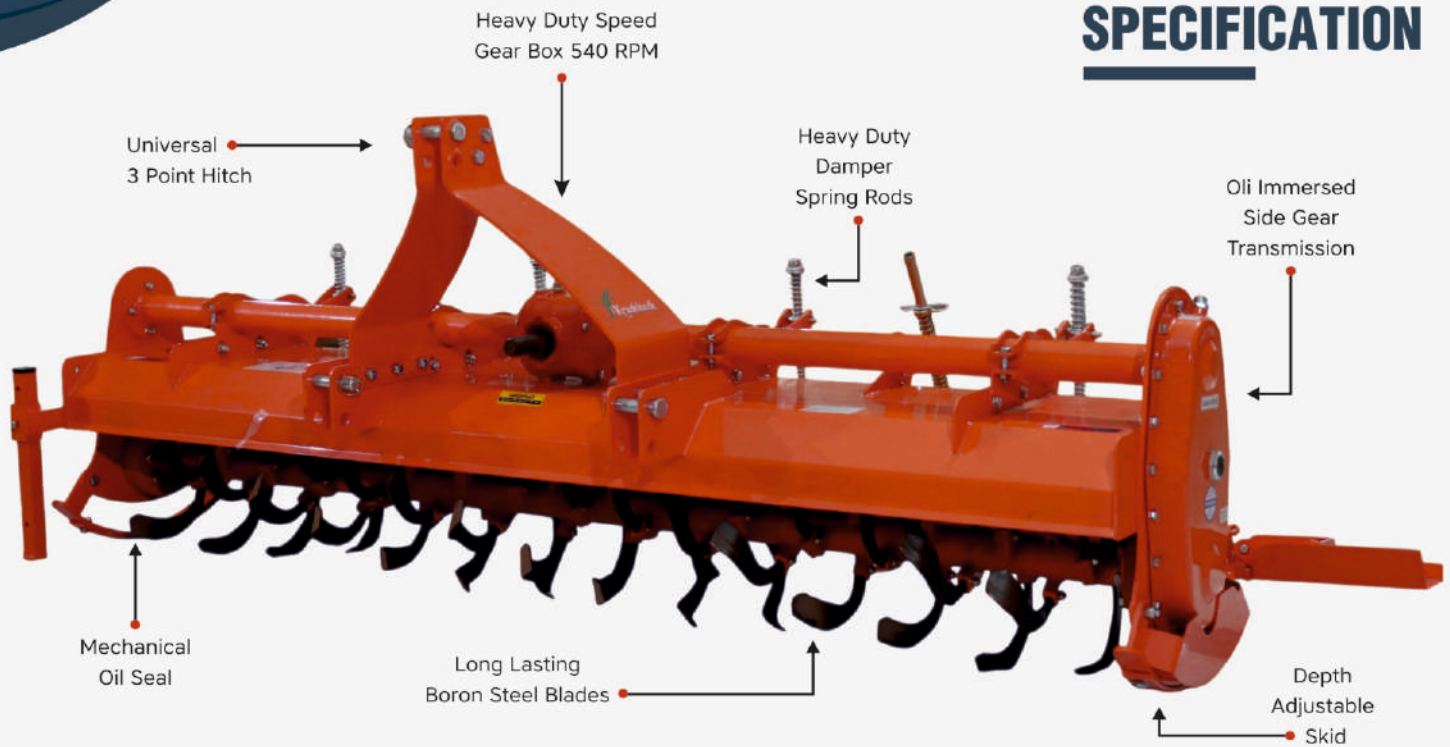
## PUDDLER **SERIES ROTARY TILLER**

- Best suitable for tillage and earthing up operation
- Specially designed J type boron steel blades
- Heavy duty robust structure
- Twin direction single speed gear box
- Best suitable for controlling weeds
- Improves infiltration & seepage of water

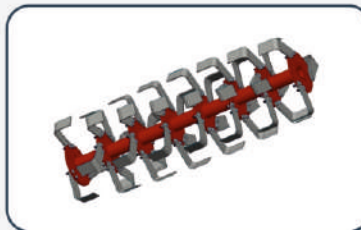


AVAILABLE IN SINGLE SPEED ALSO

# TECHNICAL SPECIFICATION



Available with  
L-Type, C-Type, J-Type  
boron steel blades



Helical arrangement of blades  
ensures lesser load on tractor & machine,  
hence lesser fuel consumption



Bigger and stronger  
crown & pinion

MODEL	KTPD-6	KTPD-7	KTPD-8	KTPD-9
OVERALL LENGTH (MM)	1987	2200	2637	2937
OVERALL WIDTH (MM)	740			
OVERALL HEIGHT (MM)	930			
TILLING WIDTH (MM/INCH)	1750/68.89	1963/77.28	2400/94.48	2700/106.2
TRACTOR POWER HP/WK	45-60 34-45	55-70 47-52	65-80 49-60	70-85 52-63
3-POINT HITCH TYPE	CAT-II			
FRAME OFF-SET (MM/INCH)	34/1.33	36/1.41	38/1.49	4/0.15
NUMBER OF TINES (L/C-TYPE)	48	52	60	68
NUMBER OF TINES (J-TYPE)	48	52	60	68
STANDARD TINES CONSTRUCTION	SQUARE/CURVED			
TRANSMISSION TYPE	GEAR			
MAX. WORKING DEPTH	200/7.87			
ROTOR TUBE DIAMETER	73/2.87			
ROTOR SWING DIAMETER	473/18.62			
DRIVELINE SAFETY DEVICE	SHEAR BOLT			
WEIGHT (KG/LBS)	345/759	360/792	385/847	405/891



“

Specially designed for Paddy cultivation and earthing up operation for better growth.

”

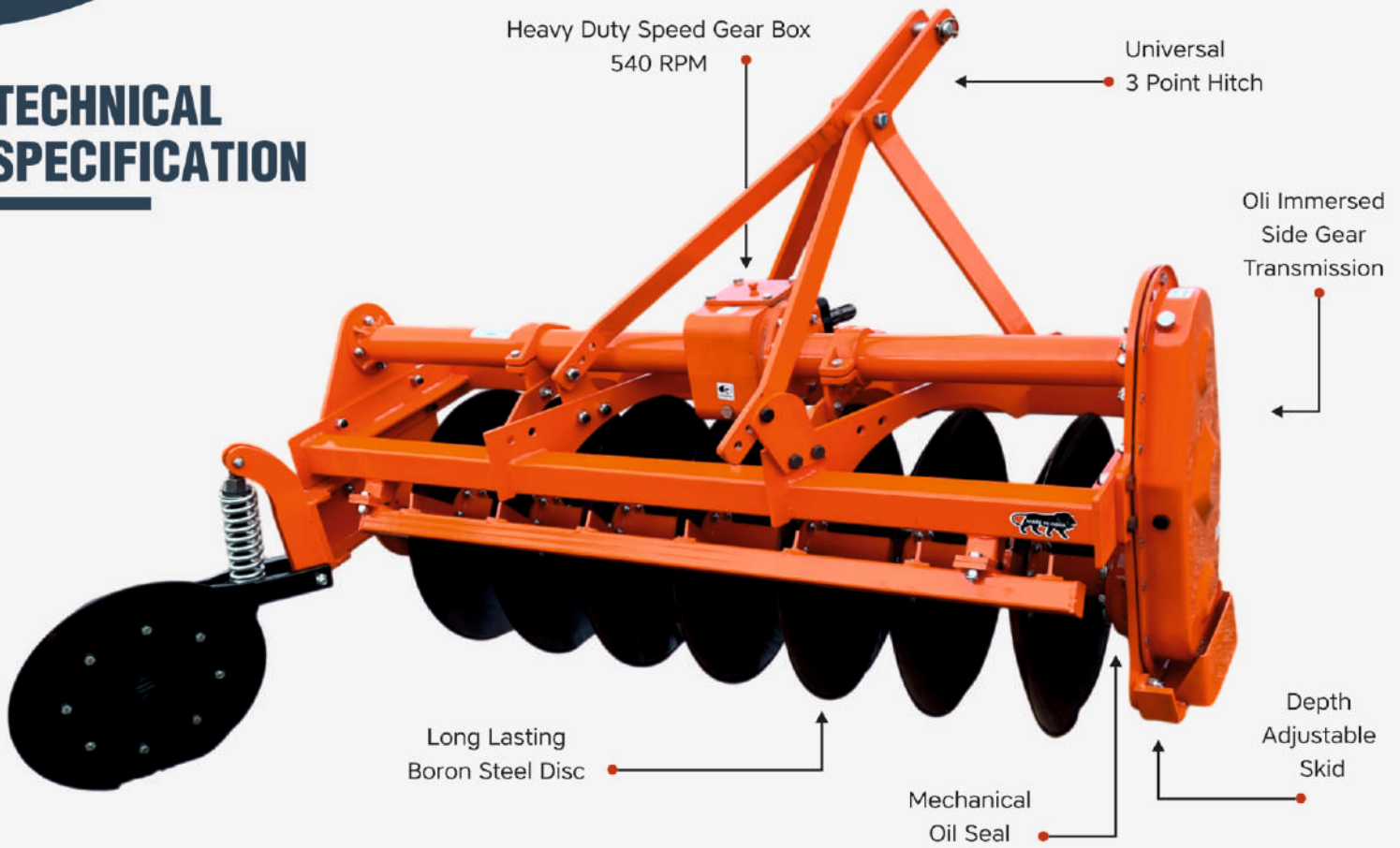
- Best suitable for tillage and earthing up operation
- Heavy duty robust structure
- Best suitable for controlling weeds
- Improves infiltration & seepage of water

## DISCROTAVATOR **SERIES ROTARY TILLER**

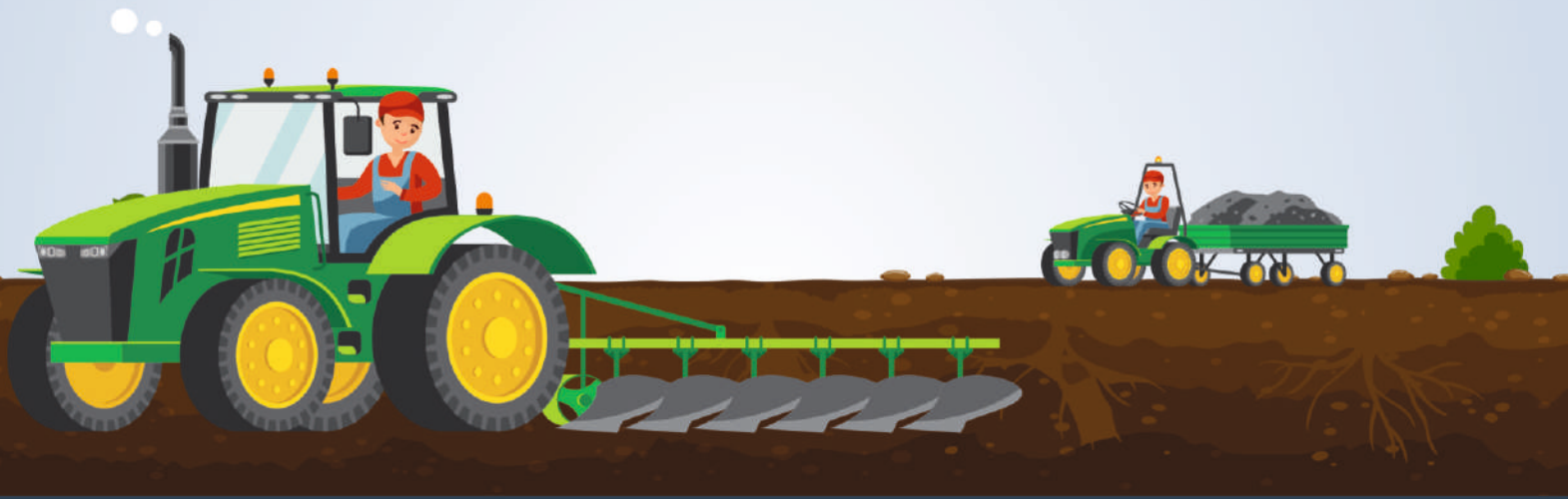


AVAILABLE IN SINGLE SPEED ALSO

# TECHNICAL SPECIFICATION



MODEL	KTDR - 5	KTDR - 7	KTDR - 9
OVERALL LENGTH (MM)	1402	1850	2298
OVERALL WIDTH (MM)	1300		
OVERALL HEIGHT (MM)	1210		
TILLING WIDTH (MM/INCH)	1164/45.82	1612/63.46	2060/81.10
TRACTOR POWER HP/KW	45-60	55-70	65-80
	34-45	47-52	49-60
3-POINT HITCH TYPE	CAT-II		
FRAME OFF-SET (MM/INCH)	18/0.70	130/5.11	217/8.54
NO.OF DISC	5	7	9
STANDARD TINE	CIRCULAR		
TRANSMISSION TYPE	GEAR		
MAX. WORKING DEPTH (MM/INCH)	110/4.33		
ROTOR TUBE DIAMETER (MM/INCH)	73/2.87		
ROTOR SWING DIAMETER (MM/INCH)	610/24.01		
DRIVE LINE SAFETY DEVICE	SHEAR BOLT		
WEIGHT (KG/LBS)	490	515	540



*Shivam*  
ENTERPRISE

Manufacturing by

**SHIVAM ENTERPRISE**

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