

DEFENDER PLUS ROTARY TILLER



Gear Drive



DEFENDER PLUS ROTARY TILLER



MODEL	SRT - 5	SRT - 5.5	SRT - 6
Overall Length (mm)	1743	1932	2009
Overall Width (mm)	959		
Overall Height (mm)	1116		
Tilling Width (mm / inch)	1606 / 63.2	1795 / 70.6	1872 / 73.7
Tractor Power	HP	45-60	50-65
	Kw	34-45	37-48
	55-70	41-52	
3-Point Hitch Type	Cat - II		
Frame Off-set (mm / inch)	117 / 4.6	30/1.2	9/0.4
No. of Tines (L/C-80x7)	36	36 & 42	42
No. of Tines (L/C-70x7)	54	60	60
No. of Tines (C/J-40x7)	60	66	72
No. of Tines (Spike-Type)	37 & 48	54	46 & 58
Standard Tine Construction	Curved / Square		
Transmission Type	Gear / Chain		
Max. Working Depth (mm / inch)	203 / 8		
Rotor Tube Diameter (mm / inch)	89 / 3.5		
Rotor Swing Diameter (mm / inch)	480 / 18.9		
Driveline Safety Device	Slip Clutch / Shear Bolt		
Weight (Kg / lbs)	464 / 1023	508 / 1120	514 / 1134

The company reserves absolute rights to modify the specifications of machine and components therein

"Weight is including safety guards & excluding PTO"

*Accessories shown are not part of standard equipment.

Advantages:

- Suitable for hard soil
- It helps in retaining moisture of the soil and increases soil porosity and aeration which enhances germination and growth of crops
- Its specially designed blade rotor reduces load on tractor as well as diesel consumption and avoids tyre slippage

Optional:

- Gear Box: Multi speed
- Side transmission: Gear Drive
- Blades: C type / L type / J type / Spike
- Drive Shaft : Shear Bolt / Slip Clutch

Rotor RPM Chart

Series	Input RPM	Gear Box	Spur Gear 1	Spur Gear 2	Rotor Speed
DIFFENDER PLUS (GD)	540	SS	-	-	218
		MS	16	19	184
			17	18	206
	18		17	231	
	1000	MS	13	22	239

Standard Gear Pair 17-18



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DEFENDER ROTARY TILLER



Advantages

- Produces fine seed bed with one or two passes before or after rains
- Most suitable for removal of sugarcane, paddy, wheat, castor, grass, vegetable stubbles
- It retains soil moisture and increases soil porosity and aeration, which enhance germination and growth of crops.
- It can be used in dry and wet fields
- It tilth soil finely, incorporates every kind of crops residues and improves the organic structure of soil



DEFENDER ROTARY TILLER

MODEL	SRT - 5	SRT - 5.5	SRT - 6
Overall Length (mm)	1760	1889	2026
Overall Width (mm)	345		
Overall Height (mm)	139		
Tilling Width (mm / inch)	1615/63.6	1744 /68.6	1881/74
Tractor Power	HP	40-55	45-60
	Kw	30-41	34-45
3-Point Hitch Type	Cat - II		
Frame Off-set (mm / inch)	0	0	30/1.2
No. of Tines (L/C-80/7)	36	39	42
No. of Tines (L/C-70/7)	54	60	60
No. of Tines (C/J-40/7)	60	66	72
No. of Tines (Spike-Type)	37 & 48	52	46 & 58
No. of Tines (Spike/J) (Combo Type Rotor)	66	68	72
Standard Tine Construction	Curved / Square		
Transmission Type	Gear / Chain		
Max. Working Depth (mm / inch)	203 / 8		
Rotor Tube Diameter (mm / inch)	89 / 3.5		
Rotor Swing Diameter (mm / inch)	480 / 18.9		
Driveline Safety Device	Shear Bolt / Slip Clutch		
Weight (Kg / lbs)	410 / 904	436 / 962	447 / 987

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Optional:

- Gear Box: Multi speed
- Blades: C type / J type / L type / Spike Blade
- Drive: Gear / Chain

Rotor RPM chart

Series	Input RPM	Gear Box	Spur Gear 1	Spur Gear 2	Rotor Speed
DEFENDER (GD)	540	SS	-	-	201
		MS	17	19	179
			18	18	201
			19	17	224
		1000	MS	12	24
	13			23	210
	MS		14	22	236

Standard Gear Pair 19-17



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