

# POWER TILLER

DUMDAAR POWER WITH MDR TECHNOLOGY



**2 YEARS  
WARRANTY**

## VST 165 DI (16 HP)



Indigenously  
Designed &  
Developed for India



Developed Heavy  
Duty & Robust  
Transmission



Comfortable  
Seat



Wider Rotary  
(750 mm)

**MADE IN INDIA**

**APPLICATIONS:** Dry Land & Wet Land Operation, Inter-cultivation, Earthing-up, Land Preparation etc.

**SUITABLE FOR:** Vegetable Crops, Horticulture Crops & Plantation Crops



1800 419 0136



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Powerful Transmission  
with PTO Option



Light Weight



Hour Meter



Easy Turn



LED Head Lamps



Versatile Operation



## TECHNICAL SPECIFICATIONS

ENGINE	
MODEL	VST 165 DI (16 HP)
Type	Horizontal 4 stroke, overhead valve, single cylinder, compression ignition, water cooled diesel engine
Combustion Chamber	Direct Injection (DI)
Maximum Torque	5.3 kg-m@1900 rpm
Maximum HP	16 HP@2400 rpm
Bore X Stroke	102 X 105 mm
Displacement	857 CC
SFC (Specific Fuel Cons)	190g/hp/hr
Governor System	Mechanical, centrifugal type
Cooling System	Water cooled, thermo siphon system
Air Cleaner	Multistage, oil bath type with cyclonic pre-cleaner
Starting System	Manual (Hand cranking)
Lighting System	12 Volts/35 Watts
Std. Pulley (DIA)	120mm
Engine Dry Weight	140 kgs
LUBRICATING SYSTEM	
Type of Lubricating System	Force feed with hydraulic pressure relief valve
Engine Oil Sump Capacity	3 ltrs (SAE20W40)
Air Cleaner	0.2 ltrs (SAE20W40)
Gear Box (Transmission) Oil Capacity	6 ltrs (SAE 90)
Rotary Oil Capacity	0.5 ltrs (SAE 90)
ROTARY	
Type of Drive	Side drive rotary with chain & sprocket
No. Of Tynes	18 Nos. (Sugarcane Model) / 24 Nos. (Puddling Model)
Tilling Width	600 mm (Sugarcane Model) 750 mm (Puddling Model) (Maximum)
Tilling Depth	150 - 160 mm (maximum)
Weight of Rotary Tiller	125 Kgs

CHASIS & TRANSMISSION	
Transmission Model	CT - 100
Transmission Type	Combination of constant and sliding mesh
Clutch	Multiple plate dry disc type
Steering	Independent dog clutch
No. of Speeds	08 (Forward 06 & Reverse 02)
Brake System	Hand operated internal expanding metallic shoe type
Tyre Size	6.00 - 12 (4 PR)
Weight of Transmission	245 Kgs
FUEL SYSTEM	
Fuel	High speed diesel
Fuel Tank Capacity	14.3 ltrs
Nozzle	Multi-hole (5)
SPEED (Kmph)	
GEAR	STANDARD PULLEY
	FORWARD
1L	1.77
2	2.62
3	4.14
4H	6.37
5	9.35
6	14.75
	REVERSE
1L	1.55
2H	5.57
OVERALL DIMENSIONS	
Dimensions in mm (Engine + Transmission + Rotary + Seat Assy)	PUDDLING - L: 2885, H: 1380, W: 1020 SUGARCANE - L: 3130, H: 1260, W: 870
Weight (Engine + Transmission + Rotary + Seat Assy)	510 Kgs for Manual Start Model & 540Kgs for Electric Start Model
Ground Clearance	180 mm approx.

## COMPATIBLE ATTACHMENTS



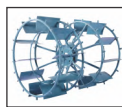
Generator



Sprayer



Multi Crop  
Planter



Cage Wheel  
K Type



Bullock Type  
Inter Cultivator



Leveler



Water Pump  
and many more...



**TILLERS  
TRACTORS LTD.**

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**Disclaimer:** Pictures used here are for illustration purpose only. Product specifications are subject to change without prior notice. Performance of the machine may vary with user/field/working conditions.

Authorised Dealer

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