

**THIS TEST REPORT IS VALID UPTO 31.07.2028**



## VST SHAKTI 130 DI POWER TILLER



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय  
Ministry of Agriculture and Farmers Welfare

कृषि एवं किसान कल्याण विभाग  
Department of Agriculture and Farmers Welfare

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान  
Southern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने - 515 731, जिला: अनंतपुर (आं. प्र.)  
Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)  
[An ISO 9001:2015 CERTIFIED INSTITUTE]

Website: <http://srfmtti.dacnet.nic.in/>

E-mail: [fmti-sr@nic.in](mailto:fmti-sr@nic.in)

Tele. : 08551-286441

PT-168/1531	VST SHAKTI 130 DI POWER TILLER COMMERCIAL TEST (THIRD BATCH TEST)
	THIS TEST REPORT IS VALID UPTO 31.07.2028

Manufacturer : M/s. V.S.T. Tillers Tractors Ltd.,  
Plot No. 222-224 & 229-232, 3<sup>rd</sup> Phase,  
KIADB Industrial Area,  
Malur, Kolar District-563130,  
Karnataka., India.

Applicant : The Manufacturer

Indigenous/ Imported : **Indigenous**

**VST SHAKTI 130 DI POWER TILLER**

Report No.: PT-168/1531

Month: August

Year: 2023



सत्यमेव जयते

**Government of India**  
**Ministry of Agriculture and Farmers Welfare**  
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PT-168/1531

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COMMERCIAL TEST (THIRD BATCH TEST)  
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- Condition of clutch release bearing. : Normal
- Condition of pilot bearing : Normal
- Condition of pressure plate : Normal
- Presence of oil and water in clutch housing : None
- Height of lining over rivet head, (mm) : Not applicable



17.3

**Transmission gears:**

All the gears of the transmission system were found in normal working condition.

17.4

**Brakes:**

the brake assembly was dismantled and all the components were found in normal working condition.

17.5

**Rotary drive unit:**

The rotary drive unit was dismantled and all the components were found in normal working condition.

17.6

**Steering system:**

All the components of the steering clutch assemblies were inspected and found in normal working condition.

17.7

**Magneto:**

All the components of Magneto assembly was inspected and found in normal working condition.

**18. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS**



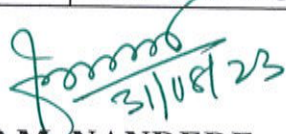
Evaluative (mandatory)/ Non-evaluative (non-mandatory) parameters applicable for Qualifying Minimum Performance Criteria as per **Clause - 4.1 (Table-1) of IS 13539: 2018 (Second revision)** for acceptance of the power tiller for the purpose of subsidies/institutional financing are summarized as under:



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1	2	3	4
<b>19.2.8</b>	<b>Haulage test:</b>		
	Gross mass of trailer, (tonne)	: 1.5	1.5
	Av. traveled speed, (kmph)	: 13.90 to 14.37	13.98
	Distance traveled per liter of fuel consumption, (km)	: 11.21 to 12.00	10.86
	Av. fuel consumption, (cc/km/tonne)	: 55.55 to 59.47	61.39
<b>19.3</b>	<b>Maintenance/service problems:</b>	: None of the problems was observed in the previous sample.	None of the problems was observed in the present sample.
<b>19.4</b>	<b>Adequacy of literature:</b>	: Service Log book, operator's manual and parts list of power tiller in English and operator manual & parts list of engine in English	Service manual, operator's manual and parts list of power tiller in English and operator manual & parts list of engine in English

**TESTING AUTHORITY:**

 <b>D.C. MOULI</b> AGRICULTURAL ENGINEER	 <b>P. KAMALABAI</b> SENIOR AGRICULTURAL ENGINEER
 <b>Dr. B.M. NANDEDE</b> DIRECTOR	

**20. APPLICANT'S COMMENTS**

Applicant Comments		
<b>01</b>	Page No.54 of 60/18.17.3,18.17.4. Page No.55 of 60/18.17.7, 18.17.8, 18.17.9, 18.17.10, 18.17.11, 18.17.12, 18.18	Observation will be studied, and necessary corrective action will be taken for quality improvement in products.