

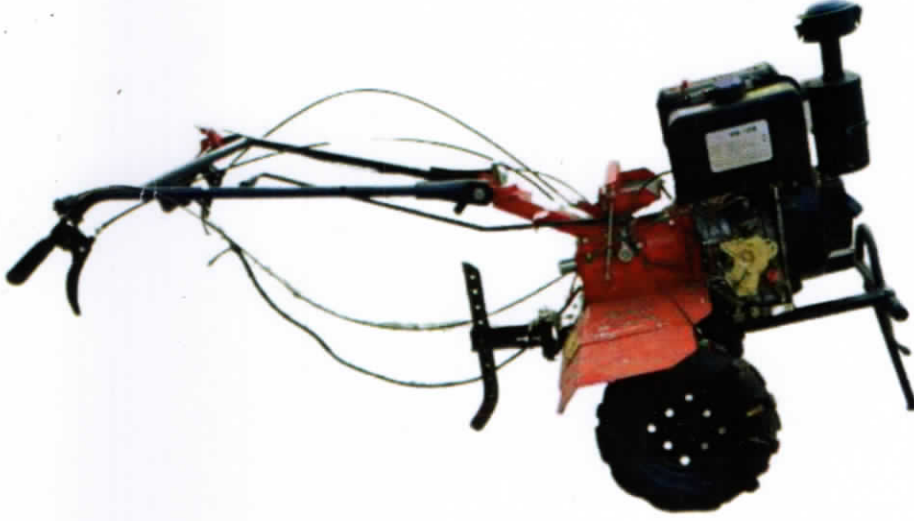
व्यावसायिकपरीक्षणरिपोर्ट (प्रारंभिक)
COMMERCIAL TEST REPORT
(INITIAL)

संख्याNo: Machine-487/1490

माहMonth: April, 2023

Validity: 31.03.2028

TEST REPORT IS VALID UPTO 31/03/2028



POWER WEEDER VENUS VIS 135E



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.)

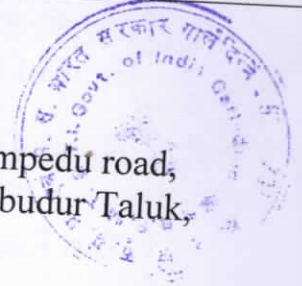
[An ISO 9001:2015 CERTIFIED INSTITUTE]

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

E-mail: fmti-sr@nic.in

Tele : 08551-286441

Machine- 487/1490	POWER WEEDER VENUS VIS 135E	COMMERCIAL (ICT)
	TEST REPORT IS VALID UPTO 31/03/2028	



Manufacturer(apa) : M/s. Venus Industries,
Survey No 762/1, Vazhuthzlampeđu road,
Kundrathur-600069, Sriperumbudur Taluk,
Tamil Nadu-India

Applicant : M/s. Venus Industries,
Survey No 762/1, Vazhuthzlampeđu road,
Kundrathur-600069, Sriperumbudur Taluk,
Tamil Nadu-India

POWER WEEDER VENUS VIS 135E

Report No: Machine-487/1490

Month: April

Year: 2023



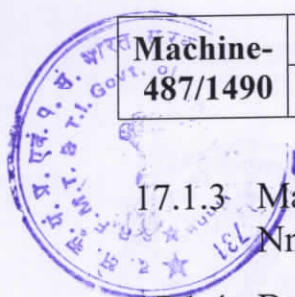
सत्यमेव जयते

Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture and Farmers Welfare
Southern Region Farm Machinery Training and Testing Institute
Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)
[An ISO 9001:2015 CERTIFIED INSTITUTION]

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

Telephone: 08551-286441

E-mail: fmti-sr@nic.in



Machine- 487/1490	POWER WEEDER VENUS VIS 135E	COMMERCIAL (ICT)
	TEST REPORT IS VALID UPTO 31/03/2028	

Machine
487

- 17.1.3 Max. Torque was observed as 25.44 Nm against the declared value of 18.5 Nm.
- 17.1.4 Back up torque of engine was observed as 18.49 %, against the declared value of 10%. This should be looked into for corrective action.
- 17.3 The amplitude of mechanical vibration on most of the assemblies of the Power Weeder was observed up to the maximum extent of 368* microns, which is on higher side. Therefore corrective action to reduce the vibration should be taken.
- 17.4 The hardness of rotary blades does not conform to the requirement of IS 6690:1981 (Reaffirmed 2017). This should be looked into for corrective action.
- 17.5 **Technical literature:**
Operators manual and parts catalogs of power weeder were supplied with test sample for reference during the test. It is however, recommended that same may be revised and brought out in Hindi & other regional languages as per IS 8132:1999 (Reaffirmed 2019) for the sake of user & technical personnel in booklet form.

TESTING AUTHORITY

D.C.MOULI AGRICULTURAL ENGINEER	
P.KAMALABAI SENIOR AGRICULTURAL ENGINEER DIRECTOR/(I/C)	

18. APPLICANT'S COMMENTS

Sr No.	Our Ref.No.	Applicants comments
1	17.1.4	This will take corrective action in future production.
2	17.3	We will provide any type of provision for reducing the mechanic vibration.
3	17.4	We will take necessary action to increase the hardness of blades.