

व्यावसायिक परीक्षण रिपोर्ट(प्रारंभिक)

COMMERCIAL TEST REPORT (INITIAL)

संख्या/No: Machine-718/1820

माह/Month: January, 2025

THIS TESTREPORT IS VALID UPTO 31.12.2031



SRI VENKATESHWARA, SVT-JX-35 BRUSH CUTTER



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/>

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Machine- 718/1820	SRI VENKATESHWARA, SVT-JX-35 BRUSH CUTTER	COMMERCIAL (ICT)
	THIS REPORT IS VALID UP TO 31.12.2031	

Manufacturer, (apa) : M/s Joins Hangzhou Joins Imp & Exp., Co.
Ltd., Room 809, No. 1451, Binxing Road,
Change Street. Binxing District Hangzhou,
310052, Zhejiang Province **China**.

Name of Applicant : M/s. Sri Venkateshwara Engineering Works.
Gollarahalli, Harihar Main Road, Honnali
(TQ), Davanagere (D), Karnataka-577217.

SRI VENKATESHWARA, SVT-JX-35 BRUSH CUTTER

Report No.: Machine-718/1820

Month: January

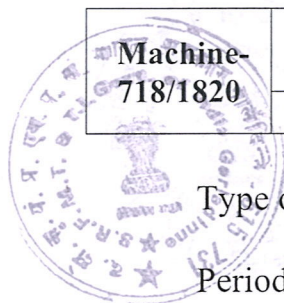
Year: 2025



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**SRI VENKATESHWARA, SVT-JX-35
BRUSH CUTTER**

THIS REPORT IS VALID UP TO 31.12.2031

**COMMERCIAL
(ICT)**

Type of test : COMMERCIAL (ICT)
Period of test : December, 2024 to January, 2025
Test Report No. : Machine-718/1820
Month / Year of release : January, 2025

- i) The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- ii) The data given in this report pertain to the particular machine randomly selected by testing authority through virtual mode.
- iii) The results presented in this report do not in any way attribute to the durability of the machine.
- iv) This Test Report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training & Testing Institute, Garladinne, Anantapur (A.P.).
- v) This is a report on Commercial Test of Brush Cutter named "**SRI VENKATESHWARA, SVT-JX-35 BRUSH CUTTER**". This report is valid up to **31.12.2031**, Vide Ministry's O.M. No. 13-22/2020-M&T (I&P) dated 12.12.2023.

SELECTED CONVERSIONS


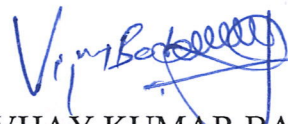

S. No.	Units	Conversion Factor
1	Force	
	1 kgf	9.80665 N
		2.20462 lbf
2	Power	
	1 hp	1.01387 metric hp (Ps)
		745.7 W
	1 Ps	735.5 W
	1 Kw	1.35962 Ps
3	Pressure	
	1 psi	6.895 kPa
	1 kgf/cm ²	98.067 kPa = 735.56 mm of Hg
	1 bar	100 kPa = 10 N/cm ²
	1 mm of Hg	1.3332 m-bar

Machine- 718/1820	SRI VENKATESHWARA, SVT-JX-35 BRUSH CUTTER	COMMERCIAL (ICT)
	THIS REPORT IS VALID UP TO 31.12.2031	

17. COMMENTS & RECOMMENDATIONS

- 17.1** The maximum power was observed as 0.83 kW under natural ambient condition against the declared value of 1.30 kW.
- 17.2** The safety provisions, as mentioned at para 5.14, have been provided by the applicant for safety aspect of operators.
- 17.3 Mechanical vibration:**
The equivalent mechanical vibration on engine cover was observed to the extent of 319 micron. This should be looked into for dampening the vibration.
- 17.4** A fuel on/off knob may be considered for providing in the fuel system of engine.
- 17.5 Hardness and chemical analysis:**
The hardness and chemical composition of triangular blade is not as per requirement of the relevant code IS 6025-1982 (Reaffirmed 2012) & therefore it should be looked into for the corrective action.
- 17.6 Marking /labeling:**
The labeling plate does not reveal all the required information. It is therefore recommended that a suitable labeling plate covering all essential components, interlaid, the following must be provided:
- Country of origin
 - Name and address of manufacturer
 - year of manufacturer
 - Engine HP, rated rpm & SFC
- 17.7 Adequacy of literature supplied with the machine:**
The Operator's manual cum parts catalogue of brush cutter and engine in English was not supplied with the brush cutter for reference during the test. It is however, recommended that same may be revised and brought out as per IS: 8132- 1999 (Reaffirmed 2004) for the sake of user & technical personnel.

TESTING AUTHORITY

 Er. PRAMOD YADAV AGRICULTURAL ENGINEER	 Er. VIJAY KUMAR BADAYA SENIOR AGRICULTURAL ENGINEER
 Dr. B.M. NANDEDE DIRECTOR	



18. APPLICANT'S COMMENTS

-NIL-

SOUTHERN REGION FARM MACHINERY TRAINING & TESTING INSTITUTE, ANANTAPUR(A.P.)	Page 23 of 24
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