

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)
COMMERCIAL TEST REPORT
(INITIAL)

Machine-414/1246

माह/रुध/Month: January, 2021
Validity: 31.12.2027



**S.R. AGROTECH 5 HP ENGINE MODEL CHAFF CUTTER
(Engine Operated)**



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि, सहकारिता एवं किसान कल्याण विभाग

Department of Agriculture, Cooperation 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-414/1246	S.R. AGROTECH 5 HP ENGINE MODEL CHAFF CUTTER (Engine Operated)	COMMERCIAL (ICT)
-------------------------	---	-------------------------

Manufacturer : M/s. S.R. Agro Tech Manufacturers & Distributor for Agricultural Equipment's, Main Road, Vinayaka Nagar, Tumakuru- 572 101, Karnataka, **India.**

Applicant : The Manufacturer

**S.R. AGROTECH 5 HP ENGINE MODEL CHAFF CUTTER
(Engine Operated)**

Report No.: Machine-414/1246 Month: January

Year: 2021



**Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture, Cooperation 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 INSTITUTE]**

Telephone: 08551-286441

E-mail: fmti-sr@nic.in

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

Machine-414/1246	S.R. AGROTECH 5 HP ENGINE MODEL CHAFF CUTTER (Engine Operated)	COMMERCIAL (ICT)
-------------------------	---	-------------------------

- 15.1.5 **During varying speed test of engine at both natural & high ambient conditions after attaining max. torque at 22.20 Nm & 21.70 Nm respectively, while further loading, sudden drop of engine speed and thick black smoke was noticed.**
- 15.2** Following modifications/improvements, being safety requirement, are required to be made to develop the chaff cutter as conforming to IS 15542:2005.
- 15.2.1** Chaff cutter shall also be marked with the rated input capacity and model name.
- 15.3** Blade should be marked with size code and thickness as per IS 11459 :1985 (Reaffirmed 2012).
- 15.4** The specifications of blades does not conform to the requirements of IS 1511 :1979 (Reaffirmed 2012). This should be looked into for corrective action.
- 15.5** **This machine does not meet in full the requirement of IS 11459:1985, IS 1511:1979 and IS 15542:2005. This maybe looked into for corrective action.**
- 15.6** **The following dimensions of chute for engine operated chaff cutter are not conforming to the recommendations of Dangerous Machine (Regulation) Rules, 2007 and needs to be looked into.**

S. No.	Description	Observation	Remarks
i)	Provision for changing the angle of placement of trough shall be made.	Not provided	Does not conform
ii)	At the rear side of the trough a support shall be made.	Not provided	Does not conform
iii)	The trough on the shear plate side shall be covered up to a length of 450 mm min.	210	Does not conform
iv)	The total length shall be min. of 900 mm.	640	Does not conform




- 15.7** Provided labeling plate should be as per the requirement of IS.
- 15.8** The applicant was advised to send the discard limit of the engine components but, applicant vide their email dated 17.12.2020 has submitted only the technical data for the Comet diesel engine, not the discard limit.

Machine-414/1246	S.R. AGROTECH 5 HP ENGINE MODEL CHAFF CUTTER (Engine Operated)	COMMERCIAL (ICT)
------------------	--	------------------

15.9 Technical literature:

Chaff cutter user manual cum part catalogue in English was provided in a single booklet form for reference during the test. However, this may be brought out in Hindi and other regional languages as per IS 8132:1999 (Reaffirmed 2004) for the sake of user & technical personnel.

TESTING AUTHORITY:

B.N.DIXIT AGRICULTURAL ENGINEER	
P.C. MESHARAM SENIOR AGRICULTURAL ENGINEER	
Dr. P.P. RAO DIRECTOR	

16. APPLICANT COMMENTS

No specific comments was received from the applicant.