

**THIS TEST REPORT IS VALID UP TO 31.12.2031**



**AONE, A1D-05D CHAFF CUTTER (Engine Operated)**



सत्यमेव जयते

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 (आ. प्र.)

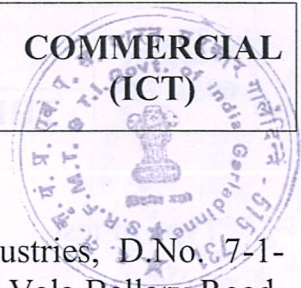
Tractor Nagar, Garladinne-515 731, District: Anantapur (A.P.)

[An ISO 9001:2015 CERTIFIED INSTITUTE]

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

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

Machine- 695/1788	AONE, A1D-05D CHAFF CUTTER (Engine Operated)	COMMERCIAL (ICT)
	THIS REPORT IS VALID UPTO 31.12.2031	



Manufacturer : M/s Pooja Agro Industries, D.No. 7-1-273/67, Ward No. 30, Vala Ballary Road, Sindhanur, Raichur District, Karnataka, India.

Applicant : The Manufacturer

### AONE, A1D-05D CHAFF CUTTER(Engine Operated)

Report No.: Machine-695/1788

Month: January

Year: 2025



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 INSTITUTE]**

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

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

SOUTHERN REGION FARM MACHINERY TRAINING & TESTING INSTITUTE, ANANTAPUR (A.P.)	Page 2 of 35
--	--------------



Machine- 695/1788	<b>AONE, A1D-05D CHAFF CUTTER (Engine Operated)</b>	<b>COMMERCIAL (ICT)</b>
	<b>THIS REPORT IS VALID UPTO 31.12.2031</b>	

Type of test : COMMERCIAL (ICT)

Period of test : October, 2024 to November, 2024

Test Report No. : Machine-695/1788

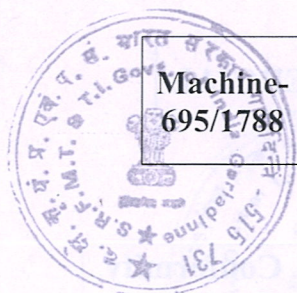
Month /Year of release : January, 2025

- The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- The data given in this report pertain to the particular machine randomly selected for test by the testing authority through virtual mode.
- The results presented in this report do not, in any way, attribute to the durability of the machine.
- This report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training and Testing Institute, Garladinne, Anantapur (A.P.).
- This is a report on commercial test of chaff cutter named "AONE, A1D-05D CHAFF CUTTER (Engine Operated)". 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
<b>1</b>	<b>Force</b>	
	1 kgf	9.80665 N
		2.20462 lbf
<b>2</b>	<b>Power</b>	
	1 hp	1.01387 metric hp (Ps)
		745.7 W
	1 Ps	735.5 W
<b>3</b>	1 Kw	1.35962 Ps
	<b>Pressure</b>	
	1 psi	6.895 kPa
	1 kgf/cm <sup>2</sup>	98.067 kPa = 735.56 mm of Hg
	1 bar	100 kPa = 10 N/cm <sup>2</sup>
	1 mm of Hg	1.3332 m-bar





Machine-  
695/1788

AONE, A1D-05D CHAFF CUTTER  
(Engine Operated)

THIS REPORT IS VALID UPTO 31.12.2031

COMMERCIAL  
(ICT)

### 15. SUMMARY OF OBSERVATION, COMMENTS & RECOMMENDATIONS

**15.1** Following modifications/improvements, being safety requirement, are required to be made to develop the chaff cutter as conforming to IS 15542:2005.

15.1.1 Provision for change the direction of feed roller should be made.

15.1.2 Manufacturer should also declare the rate input capacity of chaff cutter

**15.2** Blade should be marked with size code, thickness and batch code number as per IS 11459:1985(Reaffirmed 2012).

**15.3** The following dimensions of chute for electric operated chaff cutter are not conforming to the recommendations of Dangerous Machine (Regulation) Rules, 2007 and needs to be looked into.

Sl. 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

#### 15.4 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, inter alia, the following must be provided:

- Make
- Country of origin
- Power rating (kW)
- Rated input capacity
- Recommended rpm of flywheel or cylinder

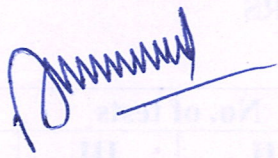
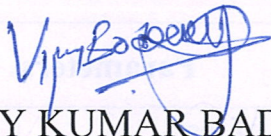

#### 15.5 Adequacy of literature supplied with the machine:

Operation, Service, Maintenance manual cum part catalogue of chaff cutter in English was provided in a single booklet form 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 2004) for the sake of user & technical personnel.



Machine- 695/1788	AONE, A1D-05D CHAFF CUTTER (Engine Operated)	COMMERCIAL (ICT)
	THIS REPORT IS VALID UPTO 31.12.2031	

### TESTING AUTHORITY

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



### 16. APPLICANT COMMENTS

Sl. No.	Para No.	Comments
1	15.1	We will take corrective action to conform as per IS 15542:2005.
2	15.3	i) We will modify the dimensions to changing the angle of placement of through of chaff cutter conform. ii) We will provide the rear side of through a support in future product.
3	15.4	Your suggestion is noted, we will modify the labeling plate of machine as per your recommendations.
4	15.5	We will brought out the literature as per IS 8132:1999 (Reaffirmed 2004).