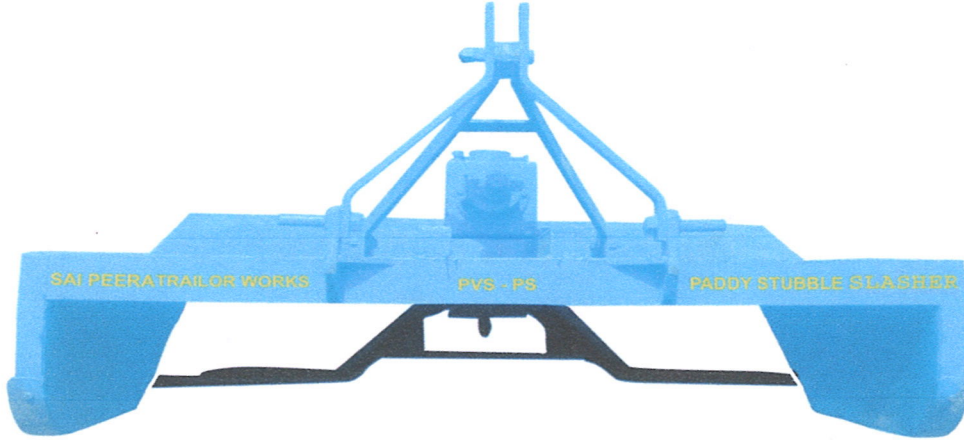


THIS TEST REPORT IS VALID UP TO 31.10.2033



**SAI PEERA PVS-PS PADDY STUBBLE SLASHER
(Tractor Mounted)**



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]

IMP-416/1763	SAI PEERA PVS-PS PADDY STUBBLE SLASHER (Tractor Mounted)	COMMERCIAL (First Batch)
	THIS TEST REPORT IS VALID UP TO 31.10.2033	



Manufacturer : M/s. Sai Peera Tractor Works,
Beside Naresh Complex, Gangavathi Road,
Sindhanur - 584 128, Dt. Raichur,
Karnataka.

Applicant : The Manufacturer

SAI PEERA PVS-PS PADDY STUBBLE SLASHER

Report No.: IMP-416/1763

Month: November

Year: 2024

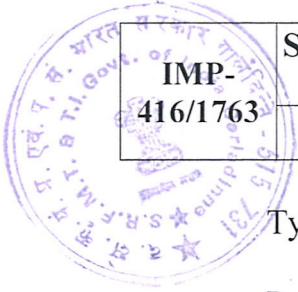


सत्यमेव जयते

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: fmti-sr@nic.in



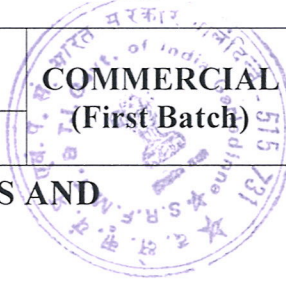
IMP-416/1763	SAI PEERA PVS-PS PADDY STUBBLE SLASHER (Tractor Mounted)	COMMERCIAL (First Batch)
	THIS TEST REPORT IS VALID UP TO 31.10.2033	

Type of test : COMMERCIAL (First batch)
Period of test : October, 2024 to November, 2024
Test Report No. : IMP-416/1763
Month / Year : November, 2024

- 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 at manufacturer site.
- iii) The results presented in this report do not, in anyway, 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 the first batch test report and therefore, should be read in conjunction with the test report of base model i.e. “SAI PEERA PVS-PS PADDY STUBBL SLASHER (Tractor Mounted)” which was tested under Initial commercial testing vide test report no. **Machine-140/646**, released in January 2016. This report is valid up to **31.10.2033**, **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

IMP- 416/1763	SAI PEERA PVS-PS PADDY STUBBLE SLASHER (Tractor Mounted)	
	THIS TEST REPORT IS VALID UP TO 31.10.2033	

11. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION

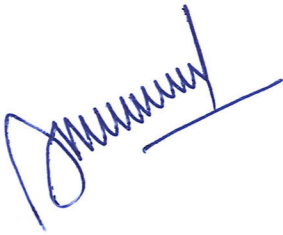


- 11.1** The specification of implement hitch does not conform fully to the IS: 4468 (Pt-I)-1997. It is recommended that the same should be provided conforming to the relevant Indian Standards.
- 11.2** The specification of blades does not conform fully to the requirement of IS: 1511-1979. This should be looked into for corrective action.
- 11.3** Dimensions of PIC of implement, in full, do not conform to IS: 4931-1995 and therefore, it should be looked into for corrective action.
- 11.4 Chemical Composition:**
The chemical composition of blades does not meet, in full, the requirement of IS: 1511-1979. This should be looked into for corrective action.
- 11.5 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:
- i) Size
 - ii) Thickness
 - iii) Batch code
- 11.6 Adequacy of literature:**
The Operating, Maintenance, Service manual and parts catalogue was supplied with the Paddy Stubble Slasher for reference during the testing in English. It is however, recommended that same may be revised as per IS: 8132- 1999.

12. COMPARISON WITH SPECIFICATION AND PERFORMANCE CHARACTERISTICS OF PREVIOUS SAMPLE (Test Report No. Machine-140/646 March, 2016 of SRFMTTI, Garladinne) and PRESENT SAMPLE

SI No.	Parameter	Previous Sample	Present Sample
1	2	3	4
12.1	Specification:		
12.1.1	Stubble Slasher:		
	Make	SAI PEERA	SAI PEERA
	Model	PVS-PS	PVS-PS
12.2	Prime Mover		
	Tractor	Swaraj 744 FE	Farmtrac 45

IMP- 416/1763	SAI PEERA PVS-PS PADDY STUBBLE SLASHER (Tractor Mounted)	COMMERCIAL (First Batch)
	THIS TEST REPORT IS VALID UP TO 31.10.2033	

TESTING AUTHORITY

Er. PRAMOD YADAV AGRICULTURAL ENGINEER	
Dr. B.M. NANDEDE DIRECTOR	 

13. APPLICANT COMMENTS

Sl. No.	Para No.	Comments
1	11.1	The Specification of the Implement hitch will be Modified at the time of production level as per the requirement of IS:4468(PartI)-1997
2	11.2	The Specification of blades will be modified at the time of production level as per the requirement of IS:1511-1979
3	11.3	The dimension of PIC of the Implement will be modified to match the requirement of IS:4931-1995
4	11.5	The necessary change will be made in Chemical Composition of blade to meet the requirement
5	11.6	The literature will be brought out as per IS:8132-1999