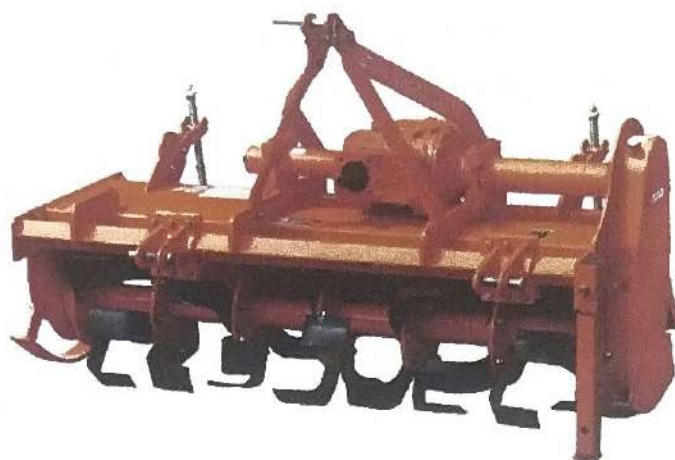


**INITIAL COMMERCIAL TEST REPORT**  
**(THIS TEST REPORT VALID UPTO : 20 / 07 / 2032)**



**Tractor Mounted SRT-5.5 (170)MS Semi Champ GD 36 Blade Rotary Tiller**



**FARM MACHINERY TESTING CENTRE**  
**DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING**  
**AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE**  
**TAMILNADU AGRICULTURAL UNIVERSITY**  
**KUMULUR – 621712, TRICHY DISTRICT (TAMIL NADU)**

**AN IDENTIFIED TESTING CENTRE**

of

**GOVERNMENT OF INDIA**

**MINISTRY OF AGRICULTURE AND FARMERS WELFARE**

**(DEPT. OF AGRICULTURE COOPERATION AND FARMERS WELFARE)**

**Approved by Govt. of India Vide letter No. F.No 8-1/2004-My (I&P) Dated:14.09.2010)**

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**TRICHY DISTRICT, TAMIL NADU.**



**Tractor Mounted SRT-5.5 (170)MS Semi Champ GD 36 Blade Rotary Tiller**

Manufacturer : M/s .Tirth Agro Technology Pvt. Ltd.,  
"SHAKTIMAN", Survey No 108/1,  
Plot No. B, NH-27, NrBharudi Toll Plaza , Bhuvana  
(Village), Taluka: Gondal, Dt.Rajkot, Gujarat-360311  
INDIA

Telephone number : +91(2827)661637  
e-mail address : info@shaktimanagro.com

Subsidiary & Affiliated Office in India : M/s .Tirth Agro Technology Pvt. Ltd.,  
"SHAKTIMAN", Survey No 108/1,  
Plot No. B, NH-27, NrBharudi Toll Plaza ,  
Bhuvana (Village), Taluka: Gondal, Dt.Rajkot,  
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**Tractor Mounted SRT-5.5 (170)MS Semi Champ GD 36 Blade Rotary Tiller**

**Report No: LD/FMTC, TRICHY/2025-26/17/90/124      Month: July      Year: 2025**



सत्यमेव जयते



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# Tractor Mounted SRT-5.5 (170)MS Semi Champ GD 36 Blade Rotary Tiller

Type of test	:	INITIAL COMMERCIAL TEST
Name of machine	:	Tractor Mounted SRT-5.5 (170)MS Semi Champ GD 36 Blade Rotary Tiller
Test Report No	:	LD/FMTC, TRICHY/2025-26/17/90/124
Test requested by	:	M/s Tirth Agro Technology Pvt. Ltd., "SHAKTIMAN", Survey No 108/1, Plot No. B, NH-27, NrBharudi Toll Plaza , Bhuvana (Village), Taluka: Gondal, Dt.Rajkot, Gujarat-360311, INDIA
Testing Authority	:	Farm Machinery Testing Centre Department of Farm Machinery and Power Engineering Agricultural Engineering College & Research Institute, Tamil Nadu Agricultural University, Kumulur - 621 712, Tamil Nadu, India.
Period of Test	:	June 2025

- This Test Report should not be reproduced in part or full without prior permission of the Dean, Farm Machinery Testing Centre, Agricultural Engineering College & Research Institute, Kumulur- 621712
- The data given in the Test Report pertain to the particular machine submitted for test by the Applicant.
- The data collected during the test do not in any way attribute to the durability of the machine.
- The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.

## SELECTED CONVERSIONS

S.No	Units	Conversion Factor	ABBREVIATIONS	
1.	Force		Full form	Symbols
	1 kgf	9.80665 N	As per applicant	apa
		2.20462 lb	Average	Av
2.	Power		Hectare	ha
	1 hp	1.01387 metric hp (Ps)	Rockwell Hardness	HRC
		745.7 W	Brinell Hardness	HB
	1 Ps	735.5 W	Diameter	Dia
	1 kW	1.35965 Ps	Indian Standard	IS
3.	Pressure		Mild Steel	MS
	1 psi	6.895 kPa	Not Applicable	N.A.
	1 kgf/cm <sup>2</sup>	98.067 kPa= 735.56 mm of Hg	Not Provided	N.P.
	1 bar	100 kPa= 10 N/cm <sup>2</sup>	Revolutions per minute	rpm
	1 mm of Hg	1.3332 m-bar	Power take-off	P.T.O.

**FARM MACHINERY TESTING CENTRE**  
**DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING**  
**AGRICULTURAL ENGINEERING COLLEGE & RESEARCH INSTITUTE, TNAU, KUMULUR - 621 712,**  
**TRICHY DISTRICT, TAMIL NADU.**



# CONTENTS


S.No	Contents	Page. No
1.	Scope of test	1
2.	Test procedure/Codes	1
3.	Method of selection	1
4.	Specifications	2
5.	Running - In and Preliminary Adjustments	12
6.	Conformity To Indian Standard	12
7.	Laboratory test	15
8.	Field test	16
9.	Rate of work	18
10.	Ease of operation and adjustments	19
11.	Defects, Breakdown & Repairs	19
12.	Wear of blades on mass basis	20
13.	Summary of observation, comments & recommendations	21
14.	Applicant's Comments	21



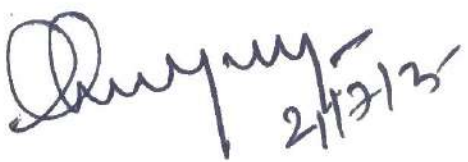
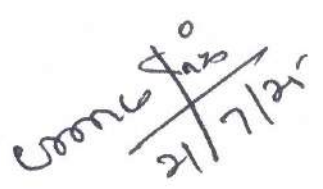


Tractor Mounted SRT-5.5 (170)MS Semi Champ GD 36 Blade Rotary Tiller

TEST CONDUCTED BY

Er. V. Kavipriya Test Engineer	 21/7/25
Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP.	30.06.2025
REMARKS received if any	-

TESTING AUTHORITY BY

Dr.R.Thiyagarajan Principal Investigator (FMTC), Associate Professor & Head, Dept. of Farm Machinery & Power Engineering, Agricultural Engineering College & Research Institute, Kumulur - 621 712	 21/7/25
Dr. P. Kamaraj Co-Principal Investigator (FMTC), Associate Professor (Farm Machinery), Dept. of Farm Machinery & Power Engineering, Agricultural Engineering College & Research Institute, Kumulur - 621 712	 21/7/25

(THIS TEST REPORT VALID UPTO : 20 / 07 / 2032)

  
Dean  
AEC & RI, Kumulur

FARM MACHINERY TESTING CENTRE  
DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING  
AGRICULTURAL ENGINEERING COLLEGE & RESEARCH INSTITUTE, TNAU, KUMULUR-621 712,  
TRICHY DISTRICT, TAMIL NADU.

