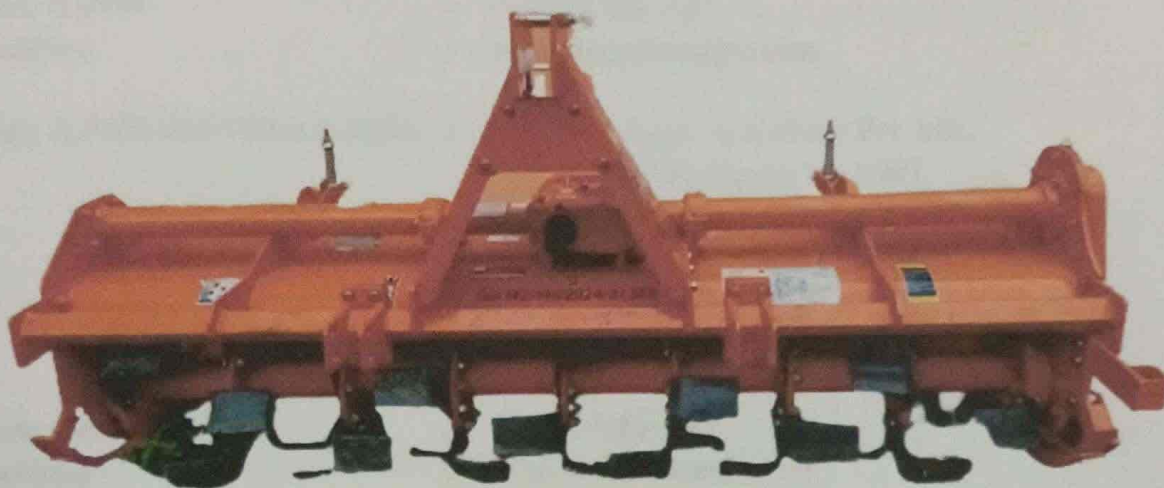


No: FMTC/KLR/TR/106-2025

Month: February, 2025

**COMMERCIAL TEST REPORT**  
(THIS TEST REPORT VALID UPTO :20/01/2032)



Tractor Mounted SRT-7 (210) / MS GD Smart Rotary Tiller



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



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, State:Gujarat-  
INDIA  
Pin-36031.

Telephone number

: +91(2827)661637

e-mail address

: info@shaktimanagro.com

Subsidiary &amp; 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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: +91(2827)661637

e-mail address

: info@shaktimanagro.com

**Tractor Mounted SRT-7 (210) / MS GD Smart Rotary Tiller**

Report No: FMTC/KLR/TR/106-2025

Month: February

Year: 2025



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TRICHY DISTRICT, TAMIL NADU.**





Type of test	:	COMMERCIAL TEST
Name of machine	:	Tractor Mounted SRT-7 (210) / MS GD Smart Rotary Tiller
Test Report No	:	FMTC/KLR/TR/106-2025
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, State:Gujarat-INDIA
Testing Authority	:	Farm Machinery Testing Centre, Agricultural Engineering College & Research Institute, Tamil Nadu Agricultural University, Kumalur – 621 712, Tamil Nadu, India.
Period of Test	:	January – February 2025

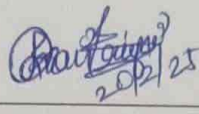
- This Test Report should not be reproduced in part or full without prior permission of the Dean, Farm Machinery Testing Centre, Agricultural Engineering College & Research Institute, Kumalur- 621712
- The data given in the Test Report pertain to the particular machine submitted for test by the Applicant.
- 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

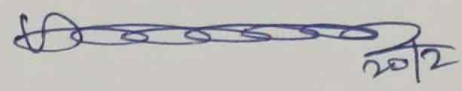
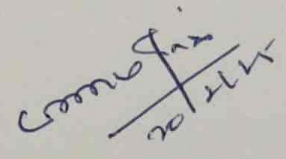
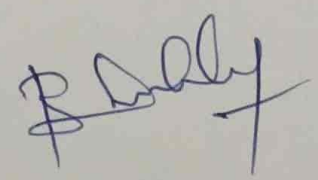
S.No	Units	Conversion Factor	ABBREVIATIONS	
1.	Force		Full form	Symbols
	1 Kgf	9.80665 N	As per applicant	apa
		2.20462 lbf	Average	Ave
2.	Power		Hectare	ha
	1 hp	1.01387 metric hp (Ps)	Rockwell Hardness	HRC
		745.7 W	Brinell Hardness	HB
	1 Ps	735.5 W	Diameter	Dia
	1 KW	1.35965 Ps	Indian Standard	IS
3.	Pressure		Mild Steel	MS
	1 Psi	6.895 kPa	Not Applicable	NA
	1 Kgf/cm <sup>2</sup>	98.067 kPa= 735.56 mm of Hg	Not Provided	NP
	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	PTO



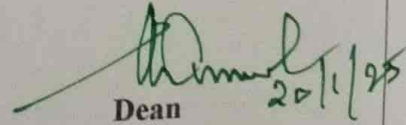
## TEST CONDUCTED BY

Er. V. Kavipriya Test Engineer	
Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP.	12.02.2025
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	
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	
Dr. P. Dhananchezhian Co-Principal Investigator (FMTC), Assistant Professor (Farm Machinery), Dept. of Farm Machinery & Power Engineering, Agricultural Engineering College & Research Institute, Kumulur - 621 712	

(THIS TEST REPORT VALID UPTO: 20 / 01 / 2032 )

  
Dean  
AEC & RI, Kumulur

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DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING  
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TRICHY DISTRICT, TAMIL NADU.

