

No: LD/FMTC, TRICHY/2025-26/14/87/121

Month: May, 2025

INITIAL COMMERCIAL TEST REPORT
(THIS TEST REPORT VALID UPTO 10/08/2032)



Tractor Mounted SRT 5.5 (170) MS Regular Plus GD 42 Blade Rotary Tiller



FARM MACHINERY TESTING CENTRE
DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING
AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE
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AGRICULTURAL ENGINEERING COLLEGE & RESEARCH INSTITUTE, TN
TRICHY DISTRICT, TAMIL NADU.



Tractor Mounted SRT 5.5 (170) MS Regular Plus GD 42 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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TRICHY DISTRICT, TAMIL NADU.**



Tractor Mounted SRT 5.5 (170) MS Regular Plus GD 42 Blade Rotary Tiller

Type of test	:	INITIAL COMMERCIAL TEST
Name of machine	:	Tractor Mounted SRT 5.5 (170) MS Regular Plus GD 42 Blade Rotary Tiller
Test Report No	:	LD/FMTC, TRICHY/2025-26/14/87/121
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 Agricultural Engineering College & Research Institute, Tamil Nadu Agricultural University, Kumalur – 621 712, Tamil Nadu, India.
Period of Test	:	May 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 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 ²	98.067 kPa= 735.56 mm of Hg	Not Provided	N.P.
	1 bar	100 kPa= 10 N/cm ²	Revolutions per minute	rpm
	1 mm of Hg	1.3332 m-bar	Power take-off	P.T.O.

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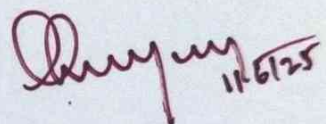
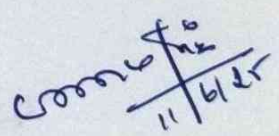
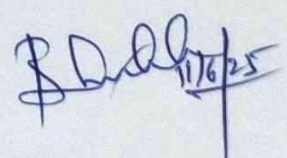
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 TRICHY DISTRICT, TAMIL NADU.




TEST CONDUCTED BY

Er. V. Kavipriya Test Engineer	
Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP.	26.05.2025
REMARKS received if any	-

TESTING AUTHORITY BY

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(THIS TEST REPORT VALID UPTO: 10/06/2032)


Dean
AEC & RI, Kumulur

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