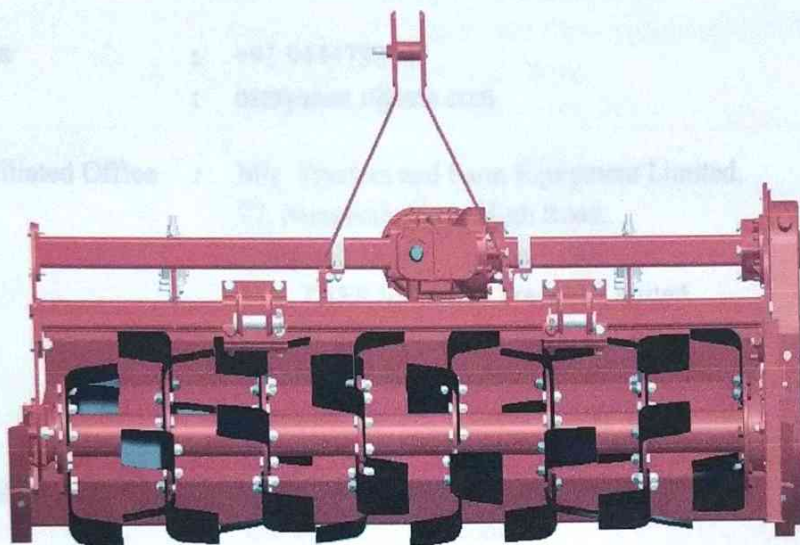


No: LD/FMTC, TRICHY/2025-26/08/81/115

Month: May, 2025

BATCH TEST REPORT
(THIS TEST REPORT VALID UPTO :08/06/2034)



TAFE AGRISTAR 718DX - 42 BLADE MULTISPEED ROTARY TILLER



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



TAFE AGRISTAR 718DX - 42 BLADE MULTISPEED ROTARY TILLER

Manufacturer : M/s. Tractors and Farm Equipment Limited,
77, Nungambakkam High Road,
Nungambakkam, Chennai – 600 034
M/s. TAFE Motors & Tractors Limited,
(Subsidiary of Tractors and Farm Equipment Limited),
77, Nungambakkam High Road,
Nungambakkam, Chennai – 600 034

Telephone number : +91 9444788445
e-mail address : narayanan.r@tafe.com

Subsidiary & Affiliated Office in India : M/s. Tractors and Farm Equipment Limited,
77, Nungambakkam High Road,
Nungambakkam, Chennai – 600 034
M/s. TAFE Motors & Tractors Limited,
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TAFE AGRISTAR 718DX - 42 BLADE MULTISPEED ROTARY TILLER

Report No: LD/FMTC, TRICHY/2025-26/08/81/115

Month: May

Year: 2025



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TRICHY DISTRICT, TAMIL NADU.**



TAFE AGRISTAR 718DX - 42 BLADE MULTISPEED ROTARY TILLER

| | | |
|-------------------|---|---|
| Type of test | : | BATCH TEST |
| Name of machine | : | TAFE AGRISTAR 718DX - 42 BLADE MULTISPEED ROTARY TILLER |
| Test Report No | : | LD/FMTC, TRICHY/2025-26/08/81/115 |
| Test requested by | : | M/s. Tractors And Farm Equipment Limited, 77, Nungambakkam High Road, Nungambakkam, Chennai – 600 034 M/s. TAFE Motors & Tractors Limited, (Subsidiary of Tractors and Farm Equipment Limited), 77, Nungambakkam High Road, Nungambakkam, Chennai – 600 034 |
| Testing Authority | : | Farm Machinery Testing Centre, Agricultural Engineering College & Research Institute, Tamil Nadu Agricultural University, Kumulur – 621 712, Trichy District. |
| Period of Test | : | February- April 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 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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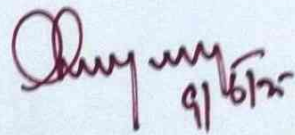
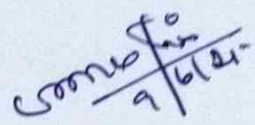
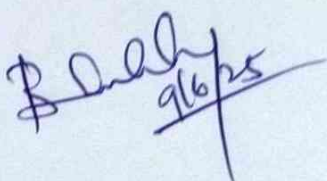
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TEST CONDUCTED BY

| | |
|---|--|
| Er. V. Kavipriya Test Engineer |  |
| Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP. | 19.05.2025 |
| 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: 08/06/ 2034)


Dean
AEC & RI, Kumulur

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