

**TRACTOR OPERATED BULL BACKHOE LOADER**

No: LD/FMTC, TRICHY/2025-26/23/96/130

Month: July, 2025

**INITIAL COMMERCIAL TEST REPORT  
(THIS TEST REPORT VALID UPTO: 29 / 07/2032)**



**TRACTOR OPERATED BULL BACKHOE LOADER**



**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.No8-1/2004-My(I&P) Dated:14.09.2010)**

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## TRACTOR OPERATED BULL BACKHOE LOADER

Manufacturer Address

M/s.BULL MACHINES PVT. LTD  
S.F.No.5/1, Trichy Road,  
L& T By-pass Junction,  
Chinthamanipudur (Po),  
Coimbatore – 641 103, India.

Telephone number

: 9842287770

e-mail address

: rnd@bullmachine.in

Applicant Address

: M/s.BULL MACHINES PVT. LTD  
S.F.No.5/1, Trichy Road,  
L& T By-pass Junction,  
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सत्यमेव जयते



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# TRACTOR OPERATED BULL BACKHOE LOADER

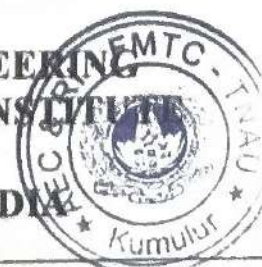
Type of test	:	INITIAL COMMERCIAL TEST
Name of machine	:	TRACTOR OPERATED BULL BACKHOE LOADER
Test Report No	:	LD/FMTC, TRICHY/2025-26/23/96/130
Test requested by	:	BULL MACHINES PVT. LTD S.F.No.5/1, Trichy Road, L&T By-Pass Junction, Chinthamanipudur(Po) Coimbatore - 641 103, India.
Testing Authority	:	Farm Machinery Testing Centre Department of Farm Machinery and Power Engineering Agricultural Engineering College and Research Institute TamilNadu Agricultural University Kumulur - 621712, Trichy District.
Period of Test	:	July 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.

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**KUMULUR - 621712, TRICHY DISTRICT, TAMILNADU, INDIA**





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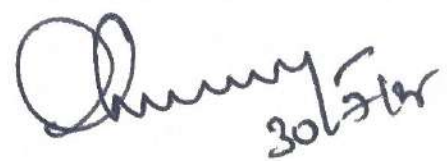
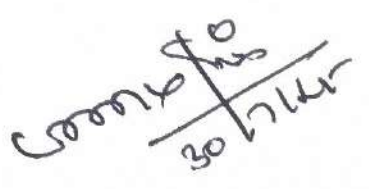


**TRACTOR OPERATED BULL BACKHOE LOADER**

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Er. V. Kavipriya Test Engineer	
Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP.	24.07.2025
REMARKS received if any	Nil

**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	

(THIS TEST REPORT VALID UPTO: 29 / 07/2032)

  
Dean  
AEC & RI, Kumulur 20/7/25

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