

TRACTOR FRONT MOUNTED LEVELER CUM LOADER (6 IN 1 BUCKET)

No: LD/FMTC, TRICHY/2025-26/01/108
Month: April, 2025

INITIAL COMMERCIAL TEST REPORT
(THIS TEST REPORT VALID UPTO :15/4/ 2032)



TRACTOR FRONT MOUNTED LEVELER CUM LOADER (6 IN 1 BUCKET)



FARM MACHINERY TESTING CENTRE
DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING
AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE
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TRACTOR FRONT MOUNTED LEVELER CUM LOADER (6 IN 1 BUCKET)

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
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Type of test	:	INITIAL COMMERCIAL TEST
Name of machine	:	TRACTOR FRONT MOUNTED LEVELER CUM LOADER (6 IN 1 BUCKET)
Test Report No	:	LD/FMTC, TRICHY/2025-26/01/108
Test requested by	:	M/s.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, Agricultural Engineering College & Research Institute, Tamil Nadu Agricultural University, Kumalur - 621 712, Trichy District Tamil Nadu, India.
Period of Test	:	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
			Mild Steel	MS
3.	Pressure		Not Applicable	NA
	1 psi	6.895 kPa	Not Provided	NP
	1 kgf/cm ²	98.067 kPa= 735.56 mm of Hg	Revolutions per minute	rpm
	1 bar	100 kPa= 10 N/cm ²	Power Take-Off	PTO
	1 mm of Hg	1.3332 m-bar		

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TEST CONDUCTED BY

Er. V. Kavipriya Test Engineer	
Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP.	18.03.2025
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: 15 / 4 / 2032)

Dean
AEC & RI, Kumulur

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