

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)
COMMERCIAL TEST REPORT
(INITIAL)

संख्याधNo: Th-45/1235
माह / Month: December, 2020
Validity: 30.11.2027



**MAHARASHTRA ENGINEERING WORKS BS MCT MULTI CROP
THRESHER (TRACTOR PTO OPERATED)**



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि, सहकारिता एवं किसान कल्याण विभाग

Department of Agriculture, Cooperation and Farmers Welfare

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

Southern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने-515 731, जिला: अनंतपुर (आं. प्र.)

Tractor Nagar, Garlandinne-515 731, District: Anantapur (A.P.)

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Th-45/1235	MAHARASHTRA ENGINEERING WORKS BS MCT MULTI CROP THRESHER (TRACTOR PTO OPERATED)	COMMERICAL (ICT)
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Manufacturer : M/s. Maharashtra Engineering works,
Bodwad Road, Malkapur-443 101,
Dist-Buldhana, Maharashtra, India.

Name of Applicant : The Manufacturer

**MAHARASHTRA ENGINEERING WORKS BS MCT MULTI CROP THRESHER
(TRACTOR PTO OPERATED)**

Report No. : Th-45/1235

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**Government of India
Ministry of Agriculture and Farmers Welfare
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Th-45/1235	MAHARASHTRA ENGINEERING WORKS BS MCT MULTI CROP THRESHER (TRACTOR PTO OPERATED)	COMMERICAL (ICT)
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Type of test : INITIAL COMMERCIAL TEST

Name of Machine : Multi Crop Thresher

Period of test : 27.10.2020 to 18.12.2020

Test Report No. : Th-45/1235

Month / Year of release : December, 2020



- i) The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- ii) The data given in this report pertain to the particular machine randomly selected by testing authority at applicant site.
- iii) The results presented in this report do not in any way attribute to the durability of the machine.
- iv) This Test Report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training & Testing Institute, Garladinne, Anantapur (A.P.).
- v) This is a report on Commercial Test of Multi Crop Thresher named "**Maharashtra Engineering Works BS MCT Multi Crop Thresher (Tractor PTO Operated)**". This report is valid up to **30.11.2027**, Vide Ministry's order no. 13-24/2018-M&T (I&P) dated 19.09.2018.

SELECTED CONVERSIONS

S. No	Units	Conversion Factor
1	Force	
	1 kgf	9.80665 N
		2.20462 lbf
2	Power	
	1 hp	1.01387 metric hp (Ps) 745.7 W
	1 Ps	735.5 W
	1 kW	1.35962 Ps
3	Pressure	
	1 psi	6.895 kPa
	1 kgf/cm ²	98.067 kPa = 735.56 mm of Hg
	1 bar	100 kPa = 10 N/cm ²
	1 mm of Hg	1.3332 m-bar

Th-45/1235	MAHARASHTRA ENGINEERING WORKS BS MCT MULTI CROP THRESHER (TRACTOR PTO OPERATED)	COMMERICAL (ICT)
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TESTING AUTHORITY:

B.N. DIXIT AGRICULTURAL ENGINEER	
Dr. P.P. RAO DIRECTOR	

12. APPLICANT'S COMMENTS

Para No.	Our reference	Applicant's comments
12.1	Page 4	We will make all possible necessary changes in future production
12.2	11.1	We will make all possible necessary changes as per your recommendations
12.3	11.3	In future machines we will provide the guard as per your recommendations
12.4	11.4	We will make all possible necessary changes in future production
12.5	11.5	As per design we are using 10 splined shaft. Anyway, we will look in to it.
12.6	11.6	We will make labelling plate as per your recommendations
12.7	11.7	We will make the manual to meet the requirement of IS 8132 : 1999 (reaffirmed 2004)