

व्यावसायिकपरीक्षणरिपोर्ट (प्रारंभिक)
COMMERCIAL TEST REPORT
(INITIAL)

संख्या/No: Machine-510/1532
माह:/Month: August , 2023

THIS REPORT IS VALID UPTO: 31/07/ 2028



**BRUSH CUTTER
VIJAY KRUSHI AVAJARE VKA-430B**



भारतसरकार

GOVERNMENT OF INDIA

कृषि एवं किसान कल्याण मंत्रालय

MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण विभाग

DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

SOUTHERN REGION FARM MACHINERY TRAINING AND TESTING INSTITUTE

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Machine- 510/1532	VKA-430 B BRUSH CUTTER	COMMERCIAL (ICT)
	This report is valid up to 31.07.2028	

Name of Manufacturer : M/s. Taizhou Dongfeng Technology Co . Ltd, 289
Houcang Road , Zeguo Town , Wenling City, Taizhou
Zheziang Province ,**PRC**

Name of Applicant : M/s. Vijay Krushi Avajare , Ward No.12/57/75, Rajar
Stadium , Gala Ichalalkaranji, Kolhapur . Maharashtra
,416115, India

VKA-430B BRUSH CUTTER

Report No.: **Machine-510/1532** Month: **August**

Year: **2023**



सत्यमेव जयते

Government of India
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Department of Agriculture and Farmers Welfare
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Big end bearings:

Bearing No.	Type of bearings		Max. permissible clearance limit, (mm)	
			Diametrical clearance	Axial
	Diametrical	Axial	0.146	1.10
1.	*	0.30		

Measurement of big end bearing clearance not possible ,as the piston along with connecting rod could not detachable

16. COMMENTS & RECOMMENDATIONS

- 16.1 The safety provisions, as mentioned at Para 5.14, have been provided by the applicant for safety aspect of operators.
- 16.2 The equivalent mechanical vibration on engine cover was observed to the extent of 302 micron. This should be looked into for dampening the vibration.
- 16.3 A fuel on/off knob may be considered for providing in the fuel system of engine.
- 16.4 The hardness of blades do not conform to the requirement of IS 6690:1981 (Reaffirmed: 2017). This should be looked into for corrective action.
- 16.5 The chemical composition of square blade is not as per requirement of the relevant code IS 6025:1982 (Reaffirmed: 2019) & therefore it should be looked into for the corrective action.
- 16.6 The provided labeling plate should be as per the requirement of the IS. Engine serial no and make , model of engine should be given with embossing on engine body instead of sticker during production level



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16.7

Adequacy of literature supplied with the machine:

The User's manual and spare parts list of brush cutter and engine in English were supplied with the brush cutter for reference during the test. It is however, recommended that same may be revised and brought out as per IS: 8132- 1999 (Reaffirmed:2019) for the sake of user & technical personnel.

TESTING AUTHORITY

D.C. MOULI AGRICULTURAL ENGINEER	
DR.B.M.NANDEDE DIRECTOR	 31/08/23

17.

Applicant Comments

We have gone through all your comments and we will inform our manufacturing facility about your comments and recommendation.