

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

संख्या / No: IMP-537/1131
माह / Month: March, 2020
Validity: 28.02.2023



MASCHIO GASPARDO ORYZA 260 ROTOPUDDLER
(Tractor Mounted, 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, Garladinne- 515 731, District: Anantapur (A.P.)

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Manufacturer : M/s. Maschio Gaspardo India Pvt. Ltd.,
Plot No. F-27 MIDC, Village - Karegaon,
Tal. Shirur, Ranjangaon,
Dist-Pune - 412 220, **India.**

Applicant : The Manufacturer

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12.8 CATEGORY OF BREAKDOWNS/DEFECTS					
	Category of breakdown	Category (Evaluative/non-evaluative)	Requirements	As observed	Whether meets the requirement (Yes/No)
i)	Critical breakdown	Evaluative	No critical breakdown	None	Yes
ii)	Major breakdowns	Evaluative	Not more than one and neither of them should be repetitive in nature	None	Yes
iii)	Minor breakdowns	Evaluative	Not more than three and frequency of each should not be more than two	None	Yes
iv)	Total breakdowns	Evaluative	In no case, the total number of breakdowns should exceed four, that is (1 major+3 minor) or 4 minor breakdowns	Nil	Yes

13. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

- 13.1 **No ingress of dust and water/mud in primary reduction sprocket box, secondary reduction sprocket box, and rotary axle bearing cap was observed.**
- 13.2 Provisions for breather cap, oil level dipstick in primary and secondary gearbox are provided.
- 13.3 The specification of implement hitch is not conforming in full to the IS 4468 (Pt-I):1997. This should be looked into for corrective action.
- 13.4 Dimensions of PIC is conforming to IS 4931:1995.
- 13.5 Dimensions of PIC yoke is conforming to IS 4931:1995.
- 13.6 Safety device is provided in rotopuddler propeller shaft.

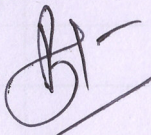
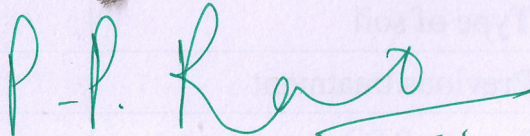
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13.7 Provision for parking stand is provided in rotopuddler.

13.8 Adequacy of literature:

Maintenance manual and parts catalogue of the Rotopuddler in English were provided in separate booklets form for reference during the test. However, this should be brought out in Hindi and other regional languages as per IS 8132:1999 (Reaffirmed 2004) for the sake of user & technical personnel.

TESTING AUTHORITY:

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

14. APPLICANT'S COMMENTS

Para No.	Our reference	Applicant's comments
14.1	13.3	Required corrective action shall be taken. The existing mast dimensions conform to Cat-I 3 point hitch criteria. We would like to highlight here that ORYZA 260 which is a part of international product range of Maschio Gaspardo is a rotary puddler, hence it has been designed to be operated with compact, light weight tractors which have higher BHP but Cat-I 3 point hitch. However we assure that operational efficiency and structural strength of the machine is not compromised even with the existing mast dimensions
14.2	13.8	Mentioned literature shall be introduced in Hindi and other regional languages.