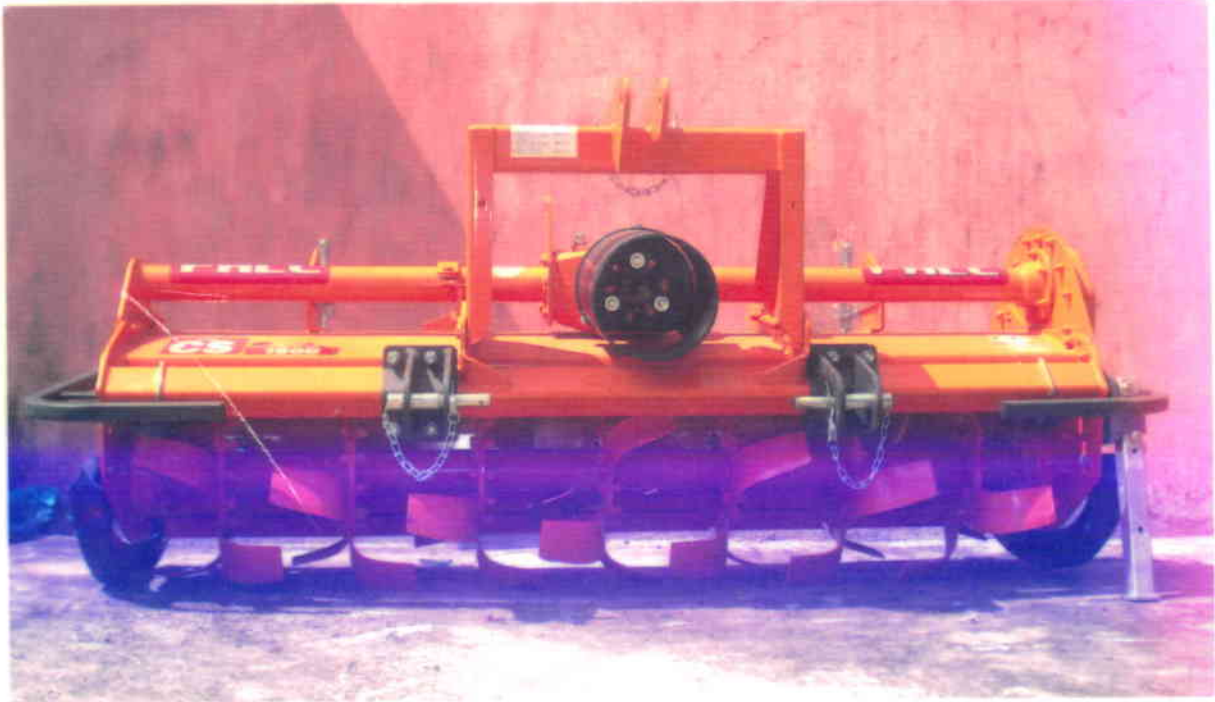


व्यावसायिक परीक्षण रिपोर्ट
COMMERCIAL TEST REPORT

संख्या / No. : Imp.124/171
माह / Month: January, 2013



FALC JADHAO ROTAVATOR (TRACTOR MOUNTED)



सममेव जयते

भारत सरकार
GOVT OF INDIA

कृषि मन्त्रालय

MINISTRY OF AGRICULTURE

कृषि एवं सहकारिता विभाग

DEPARTMENT OF AGRICULTURE AND COOPERATION

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4. SPECIFICATIONS

4.1 General:

Manufacturer	:	M/s Jadhao Layland Pvt. Ltd. Amaravati in technical collaboration with Falc Italy.
Name of machine	:	Rotavator
Make	:	FALC JADHAO
Model	:	CS1 1800
Type	:	CS 1800
Serial number	:	33833
Year of manufacture	:	2011
Type of blade	:	Hatchet (J-Type)
Working width of implement (mm)	:	1700
Recommended power source	:	40-70 hp
Prime Mover Used during test	:	NH 5500 Tractor

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8. EFFECTIVENESS OF SEALINGS

After completion of dry & wet land operation for 25.7 and 17.4 hours respectively, the implement was dismantled for checking the effectiveness of sealing provided against ingress of dust, and water/mud in various sub-assemblies/components. The observations are given in ensuing table:

Sl. No.	Location	Whether ingress of mud and/or water was observed (Yes/No)
1	Primary reduction gear box	NO
2	Secondary reduction gear box	NO
3	Rotor assembly (hub)	NO

9. EASE OF OPERATION & ADJUSTMENTS

No noticeable difficulty was observed during the operation and adjustment of rotavator.

10. DEFECTS, BREAKDOWNS AND REPAIRS

No noticeable defect or breakdown was observed during 43.1 hours of field operation.

11. COMMENTS AND RECOMMENDATIONS

- 11.1 The specifications of implement hitch, does not conform to the IS:4468 (Part-1)-1997. Hence it is recommended that implement should be provided with the hitch conforming to relevant Indian Standards.
- 11.2 Dimensions of PIC of implement, does not conform to IS:4931-1995 and therefore, it should be looked into for corrective action.
- 11.3 Hardness of rotor blades does not conform to relevant Indian Standards. This needs to be looked into for corrective action.

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11.4 Size of implement and power requirement should also be indicated on the labeling plate.

11.5 Technical literature:

A booklet, named User and maintenance manual and Parts list was provided for reference during testing.

The tractor(s), with which machine is considered suitable for operating in the field, should be prominently mentioned in the Technical literature.

TESTING AUTHORITY

SANJAY KUMAR AGRICULTURAL ENGINEER	
M. K. VISHWAKARMA DIRECTOR	

Test conducted by : ANSHUL PANDEY
SENIOR TECHNICAL ASSISTANT (Inst.)

Report compiled by : P.C. DIHINGIA
SENIOR TECHNICAL ASSISTANT

12. APPLICANT'S COMMENTS

No comments have been received from the applicant on this machine.