

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

संख्या / No: PT-134/1110
माह / Month: January, 2020
Validity: 31.12.2022



D.K. DIESELS PVT LTD DK 125 DI POWER TILLER



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

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

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

[An ISO 9001:2015 CERTIFIED INSTITUTE]

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PT- 134/1110	D.K. DIESELS PVT LTD DK 125 DI POWER TILLER	COMMERCIAL (ICT)
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Manufacturer : M/s. D.K. Diesels Pvt. Ltd.,
Sr.No. 252, Opp. Pitrukrupa Hotel,
B/h. Royel plastic, Shapar - Veraval,
Dist. Rajkot-360024, Gujarat, **India.**

Applicant : The Manufacturer

Indigenous/ Imported : **Indigenous**

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18.17.7 Rotary blades:

- i) The hourly rate of wear of blades for dry land and wet land operations was observed as 0.09 to 0.27 percent and 0.07 to 0.12 percent respectively.
- ii) Remaining constituents except, Carbon content of chemical composition of rotary blade conforms to IS 6690:1981 (Reaffirmed 2012).
- iii) The hardness of rotary blade does not conform to the requirement of IS 6690:1981 (Reaffirmed 2012).

18.17.8 As per IS 12239 (Part 3): 1988, “maximum safe speed” with trailer is required to be specified by the manufacturer. Necessary action may be taken in this regard.

18.17.9 As per IS 12239 (Part 3): 1988, balancing mass to be added to achieve correct weight balance of the power tiller with various attachments should be recommended by the manufacturer in the operator manual. This may be examined for compliance.

18.17.10 Provision of spark arresting device may be considered for incorporation in the exhaust system.

18.17.11 Provided metallic labeling plates should be as per IS 10273:1987.

18.17.12 It is recommended that the tire should have the “marking” as per clause 8 of IS13154:1991.

18.17.13 The handle grip does not meet the requirement of IS 11858:1986. This may be looked into for compliance.

18.18 The discard limits of the engine components need to be specified in the printed manual along with brief specification of the machine.

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18.19

Adequacy of literature supplied with the machine:



The following literature was supplied with the test sample for reference during the test :

Operator cum service manual and parts catalogue for power tiller and maintenance manual and parts catalogue of engine in English in a separate booklets.

However, it is recommended that the same may be brought out in accordance with IS8132:1999 (Reaffirmed 2004) with inclusion of, inter alia, the following: -

- Fuel saving tips.

TESTING AUTHORITY:

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

19. APPLICANT'S COMMENTS

Para No.	Our reference	Applicant's comments
19.1	18.17.1(ii)	We have noted the suggestion, we will make necessary changes
19.2	18.17.3	We will do some changes in machine to reduce the vibration of the machine
19.3	18.17.4	We will do some changes in machine to reduce the noise level of the machine
19.4	18.17.7	We will take corrective action in material of blades
19.5	18.17.8	We will take necessary corrective action in future products
19.6	18.17.9	We will take necessary corrective action in future products
19.7	18.17.10	We will do necessary possible changes to implement your suggestion
19.8	18.17.11	As per your suggestion, we will make the modifications in labeling plate
19.9	18.17.12	We will make necessary possible changes
19.10	18.17.13	Company will work on it
19.11	18.18	As per your suggestions, We will incorporate it.
19.12	18.19	Company will make the literature as per you suggestion
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