

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)
COMMERCIAL TEST REPORT
(FIRST BATCH TEST)

संख्या / No: PT-164/1477
माह / Month: February, 2023
Validity: 31.01.2028



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



सत्यमेव जयते

भारत सरकार

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

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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Tele./FAX: 08551-286441

PT- 164/1477	D.K. DIESELS PVT LTD DK 125 DI POWER TILLER	COMMERCIAL (FIRST BATCH TEST)
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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**

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

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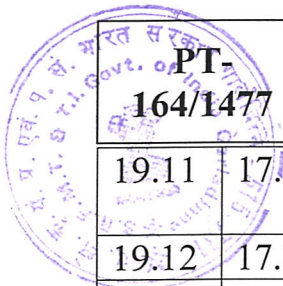
PT- 164/1477	D.K. DIESELS PVT LTD DK 125 DI POWER TILLER		COMMERCIAL (FIRST BATCH TEST)
	(tones)		
	-Av. traveled speed, (kmph)	: 12.48 to 12.73	12.67
	-Distance traveled per liter of fuel consumption, (km)	: 9.94 to 9.98	10.21
	-Av. fuel consumption, (cc/km/tonne)	: 100.20 to 100.60	97.96
18.3	Maintenance/service problems:	: Provided	Provided
18.4	Adequacy of literature:	: Provided	Provided

TESTING AUTHORITY:

B.N.DIXIT AGRICULTURAL ENGINEER	
P.KAMALABAI SENIOR AGRICULTURAL ENGINEER/DIRECTOR(I/C)	

19. APPLICANT'S COMMENTS

Para No.	Our reference	Applicant's comments
19.1	17.17.1(ii)	We have noted the suggestion; we will make necessary change in future productions.
19.2	17.17.3	Design improvements will be taken up for further reduction in vibration
19.3	17.17.4	We will do some change in machine to reduce the noise level of machine.
19.4	17.17.5.3	We will inform to engine manufacturers respective department for excess fuel consumption .
19.5	17.17.6(ii)	We will take corrective action in material of blades.
19.6	17.17.7	We will take necessary corrective in future products.
19.7	17.17.8	We will provided as on optional fitment
19.8	17.17.9	Spark arresting device is provided as on optional fitment.
19.9	17.17.10	Company will work on it.
19.10	17.17.11	We informed ti tyre manufacturers respective department for marking as per IS standard.



PT-164/1477		D.K. DIESELS PVT LTD DK 125 DI POWER TILLER	COMMERCIAL (FIRST BATCH TEST)
19.11	17.17.12	As per your suggestion we will take necessary action for future production.	
19.12	17.17.18	As per your suggestion we will work on it.	
19.13	17.17.19	For future production company will make the literature as per your suggestion.	

APPENDIX – I

BRIEF SPECIFICATION OF IMPLEMENTS USED DURING FIELD TEST

Sl.No.	Item	Rotary unit
1.	Make & Model	D.K. Diesels
2.	Supplied by	D.K. Diesels
3.	No. of blades	16
4.	Type of rotary blades	Hatchet
5.	Spacing of rotary blades (mm)	35 to 38
6.	Overall dimensions (mm):	
	Length	710
	Width	600
	Height	510
7.	Gross mass (kg)	86

APPENDIX – II

BRIEF SPECIFICATION OF CAGE WHEEL

Sl. No.	Item	Cage wheel
1.	Type	Plate
2.	Dia., (mm)	650
3.	Width, (mm)	410
4.	No & type of lugs	11+11
5.	Size of lugs, (mm) (L x W x H)	205x35x35x4.5
6.	Spacing of lugs, (mm)	170 to 175
7.	Weight of each cage wheel, (kg)	24