

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

संख्या / No: PT-132/1082  
माह / Month: October, 2019  
Validity: 30.09.2022



**BCS 740 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

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

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

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Tele./FAX: 08551-286441

<b>PT- 132/1082</b>	<b>BCS 740 POWER TILLER</b>	<b>COMMERCIAL (ICT)</b>
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Manufacturer : M/s. BCS S.p.A,  
Viale Mazzini 161, 20081,  
Abbiategrosso, Milano – **Italy.**

Applicant : M/s. BCS India Private Limited,  
Vill. Mangarh, P.O. Kohara,  
Machiwara Road, Ludhiana – 141 112,  
**India.**  
Website: [www.bcs-ferrari.in](http://www.bcs-ferrari.in)

Indigenous/ Imported : **Imported**

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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 0.18 to 0.48 percent and 0.11 to 0.15 percent respectively.
- ii) Remaining constituents except, Carbon and manganese contents of chemical composition of rotary blade conforms to IS 6690:1981 (Reaffirmed 2012).
- iii) The hardness of rotary blade conforms 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 IS11858:1986. 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.



PT- 132/1082	BCS 740 POWER TILLER	COMMERCIAL (ICT)
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18.19

**Adequacy of literature supplied with the machine:**

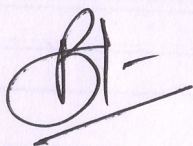
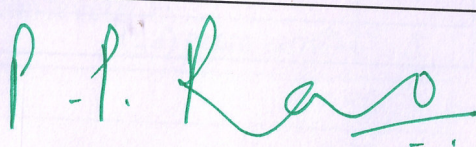
The following literature was supplied with the test sample for reference during the test :

**Operator cum service manual and parts catalogue for power tiller and 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	18.17.3, 18.17.4	These points have been taken up with our principals to take necessary corrective action.
19.2	18.17.7 (ii), 18.17.8	The corrective actions are being taken
19.3	18.17.11, 12, 13, 18.18, 18.19	Your valuable comments and suggestion for improvements will be integrated wherever necessary.