

**ADMINISTRATIVE EXTENSION REPORT**

प्रशासनिक विस्तार रिपोर्ट

**Machine- 43/2938/2022**

**Month: November, 2022**

**COMMERCIAL TEST REPORT**

व्यावसायिक परीक्षण रिपोर्ट

**Machine- 19/2557/2020,**

**Month: October, 2020**

**TEST REPORT IS VALID UPTO : 31<sup>st</sup> October, 2025**



**NEW HOLLAND, BC5060,  
TRACTOR OPERATED SQUARE BALER**



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**

उत्तरी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

**Northern Region Farm Machinery Training and Testing Institute**

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**[ISO 9001:2015 CERTIFIED]**

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**4. ESSENTIAL TESTS/ INSPECTION**

For the modifications incorporated by applicant, the physical inspection of machine was done to verify the changes incorporated. The observations are given below :

Sr. No.	Parameters Modified
1.	Safety provision in pick up unit drive system is provided
2	Labelling plate of the machine is provided as per requirement
3	Make of the hydraulic pump changed from E.T.N USA to RYAN
4	Colour of the machine changed from CASE- Red yellow to Yellow dark grey

**5. CRITICAL TECHNICAL SPECIFICATION AS PER OM 13-9/2019-M&T (I&P)- PART  
DATED 26<sup>th</sup> April 2019**

Sr. No.	Parameters	Required Specifications	Observations	Non Conforming Parameters
1.	Recommended power source	Tractor	<b>Tractor</b>	<b>None</b>
2.	Working width (mm)	1300-1800	<b>1645</b>	
<b>Pick up unit</b>				
3.	No. of tine bars	4 to 5	<b>5</b>	
4	No. of tines on each bar	20/22/24	<b>22 (11 pairs)</b>	
5	Tine spacing (mm)	55 to 135	<b>133</b>	
<b>Bale Unit</b>				
6	Size of bale (mm)	460×360×300-1400 (adjustable)	85×47×37 to 89×47×37	
7	Provision for bale density adjustment	Must be provided	<b>Provided</b>	
8	Provision of safety clutch/device (shear bolt) in PTO drive shaft and pick up unit	Must be provided	<b>Provided</b>	
9	Guard over propeller shaft	Must be provided	<b>Provided</b>	
10	Provision of guards over transmission for safety	Must be provided	<b>Provided</b>	
11	Provision for safety at feeder unit against overloading	Must be provided	<b>Provided</b>	
12	Provision for transportation	Must be provided	<b>Provided</b>	





13	Marking/labelling of machine	The labelling plate should be riveted on the body of machine having name and address of manufacturer, country of origin, Make, Model, Year of manufacturer, Serial Number, type, size, required size of prime mover (kW)	Provided
14	Literature	Operator manual, service manual and parts catalogue should be provided.	Provided

## 6. SUMMARY OF OBSERVATION, COMMENTS AND RECOMMENDATIONS

- 6.1 As the modifications are not going to affect the performance of the machine, the performance of the machine was not evaluated once again. The Original test report, therefore, applies to the modified tractor operated square balers also.

### TESTING AUTHORITY

Er. SANJAY KUMAR AGRICULTURAL ENGINEER	
Dr. MUKESH JAIN DIRECTOR	 07.11.2022

Test report compiled by Er. V. S. Shinde, Senior Technical Assistant

## 7. APPLICANT'S COMMENTS

No specific comments received from the applicant.

