

TECHNICAL SPECIFICATIONS OF VISHWAKARMA BRAND MINI COMBINE CUTTER THRESHER (BUCKET MODEL)

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AWARD AND ACHIEVEMENTS

- ❖ RASTRIYA UDHYOG RATNA AWARD 2013
- ❖ QUALITY BRAND AWARD 2013
- ❖ RAJIV GANDHI UDHYOG GOURAV AWARD 2013
- ❖ CUTTER THRESHER TESTED AND APPROVED BY MAHARANA PRATAP AGRICULTURE UNIVERSITY, UDAYPUR (RAJASTHAN)
TESTING REPORT NO. : CTATE/FMTC/2012/34

S.N.	TECHNICAL SPECIFICATIONS	SIZE / QUANTITY
1.	LOWER FRAME (BOTTEM CHASSIS CHANEL)	MADE FROM 150 MM X 75 MM X 5 MM M.S. CHANEL AND 65 MM X65 MM X 5 MM ANGLE OF 4800 MM TO 5000 MM LENGTH.
2.	HEAVY FLY WHEEL WITH TOKA BLADE MODEL 1. 3 BLADES &  2. 4 BLADES 	1.MADE FROM CAST IRON 700MM DIAMETER / 80KG. WT. / 65MM. THICK. 2.MADE FROM CAST IRON 700MM DIAMETER/ 90KG. WT./ 65MM. THICK
3.	HEAVY BALANCE WHEEL 	MADE FROM CAST IRON 1000MM DIAMETER/ 140KG. WT./ 100MM THICK

4.	THRESHING DRUM SIZE		812MM X 1168MM OR 900MMX 1200MM
5.	BEARING TYPES		TATA, SKF, NBC OR EQUIVALENTS.(TAPPER ROLLER BEARINGS & BALL BEARINGS)
6.	FANS		THERE IS PROVISION OF THREE TYPES OF FAN. 1. FIRST IS MAIN FAN (DISCHARGING FODDER). 2. SECOND IS CLEANING FAN (CLEANING GRAINS) 3. THIRD IS EXTRA CLEANING FAN.
7.	EXTRA SIEVES		3 NOS.
8.	EXTRA CONCAVE		3 NOS.
9.	FEEDER		BUCKET TYPE FEEDER WITH REVERSE AND FORWARD GEAR CONTROL CONNECTED WITH DRIVEN PULLY. FURTHER CONNECTED BY CHAIN SYSTEM TO CARRYING CROPS / MATERIAL.
10.	GEAR BOX		THERE IS PROVISION OF TWO GEAR BOXES IN MACHINE 1. FIRST IS CONNECTING TO THE FEEDER VIA. 4 NOS. JOINTS. 2. SECOND IS CONNECTED TO THE BUCKET FEEDER VIA. V- BELT & PULLY. EVEN THERE IS PROVISION OF FILLING OIL AND GREASING IN ALL THE ROTATING PARTS.
11.	JOINTS		4 NOS. JOINTS ARE ATTACHED WITH GEAR ASSEMBLY
12.	FITTING ACCESSORIES		ALL THE ACCESSORIES ARE FITTED WITH SUITABLE NUTS, BOLTS & WASHERS TO MAKE IT FOLDING.

13.	CAPACITY (DISCHARGING GRAIN)		20 TO 25 QUINTAL / HOUR
14.	P.T.O.(POWER TAKE OFF) R.P.M.		1200 R.P.M.
15.	CUTTING BLADES		4. NOS CUTTING BLADES MADE FROM CARBON STEEL 2.5MM THICK. WHICH CUTTING FODDERS UNIFORMLY.
16.	GRINDER		1 NOS. GRINDER FITTED WITH MACHINE FOR SHARPING BLADES.
17.	TOOL BOX		A GOOD QUALITY WOODEN TOOL BOX ATTACHED WITH MACHINE. THIS IS USED TO CARRYING MACHINE ACCESSORIES.
18.	COUPLINGS FOR CONNECTING WITH TRACTOR PTO		A GOOD QUALITY COUPLING JOINT PROVIDED WITH MACHINE. WHICH CONNECTING TRACTOR TO THE MACHINE.
19.	SAFETY		ALL THE ROTATING PARTS ARE COVERED BY SAFETY GUARDS.
20.	TRACTOR CAPACITY		45 H.P. OR ABOVE CONNECT WITH TRACTOR
21.	OVER AII DIMENSIONS (A) LENGTH (B) WIDTH (C) HIGHT (D) WEIGHT		5000MM 1500MM 2400MM 2100KG. APPROX

FEATCHERS:-

1. IT CUT THE FODDER UNIFORMLY.
2. LOW LOAD ON TRACTOR DURING OPERATION.
3. TASTED BY EXPERIANCED ENGINEERS.
4. BEST PRODUCTION IN LESS TIME.
5. SUPERIOR QUALITY CUTTING BLADES FOR LONG SURVICE.
6. GOOD EFFICIENCY.

ADVANTAGES:-

1. DURABLE AND LONG LASTING.
2. FUNCTIONALLY SUPERIOR
3. LOW MAINTENANCE.
4. GOOD AVERAGE.

Note: - Designs, specifications, features and information are subject to change without any Notice.

