

**TECHNICAL SPECIFICATIONS OF VISHWAKARMA BRAND CUTTER THRESHER LOWER FEEDING SYSTEM**

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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 MMX 5 MM M.S. CHANEL AND 65 MM X65 MM X 5 MM ANGLE OF 4500 MM TO 4800 MM LENGTH.
2.	HEAVY FLY WHEEL WITH TOKA BLADE MODEL	1.MADE FROM CAST IRON 700MM DIAMETER / 80KG. WT. / 65MM. THICK.
	1. 3 BLADES & 	
	2. 4 BLADES 	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		CONVEYER TYPE FEEDER WITH REVERSE AND FORWARD GEAR CONTROL CONNECTED WITH 4.NOS. JOINTS. FEEDER IS CONNECTED BY A V-BELT
10.	GEAR BOX		THERE IS PROVISION OF TWO FORWARD (SLOW AND FAST) & ONE REVERSE GEARS. 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.		550 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.			A GOOD QUALITY COUPLING JOINT

	COUPLINGS FOR CONNECTING WITH TRACTOR PTO 	PROVIDED WITH MACHINE. WHICH CONNECTING TRACTOR TO THE MACHINE.
19.	SAFETY 	ALL THE ROTATING PARTS ARE COVERED BY SAFETY GUARDS.
20.	THRESHER AVAILABLE IN EVERY TRACTOR MODEL 	35 H.P. OR ABOVE CONNECT WITH TRACTOR
21.	OVER ALL DIMENSIONS (A) LENGTH (B) WIDTH (C) HIGHT (D) WEIGHT	4850MM 1500MM 2400MM 2200KG. 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.