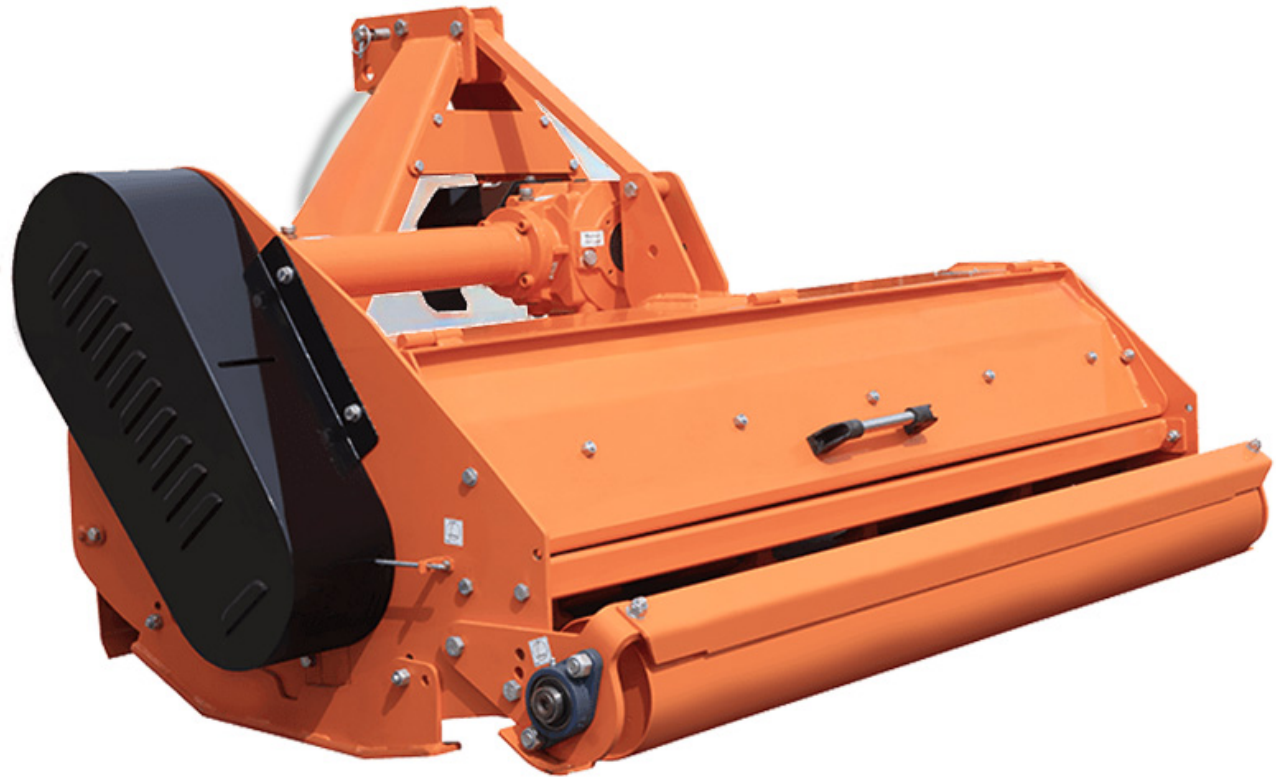
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

17. RICE STRAW SHREDDER



GENERAL

1.	Application	For chopping of paddy straw
2.	Working width	1800 ± 20 mm
3.	Rotor speed	≥2000 rpm @ 540 PTO rpm
4.	Universal Joint shaft	Provided
5.	Type of machine	Tractor rear mounted
6.	Linkage type	Cat-II
7.	Effective field capacity	≥0.75 acre/h
8.	Field efficiency	> 80%

OVERALL DIMENSIONS

9.	Length	1400 ± 20 mm
10.	Width	2130 ± 20 mm
11.	Height	960 ± 20 mm
12.	Weight (Approx.)	450 kg ± 10 kg

MATERIAL SPECIFICATIONS

13.	Main Frame	M.S plate 4 mm welded with MS square pipe 75x6 mm at front

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		and welded with MS plates 9 mm on sides, reinforced with 50x6 mm angle box at top, MS flat 50x6 mm at right angle with side plates. Top cover of MS plate 4 mm reinforced with MS flat 50x6 mm pivoted with main frame and adjustable at rear end. MS pipe of 75 mm O.D, 6 mm wall thickness welded at rear end with side plates.
14.	A frame (Mast)	MS rect. boxes 75x50x6 mm with support of MS angle box 50x6 mm
15.	Hitch	MS plate 15 mm thickness
16.	Flappers	MS sheet 180x145x3 mm (LxWxT) each pivoted with MS round 25 mm.
17.	Rotor	MS pipe outer diameter 160 mm, 6 mm wall thickness and 60 mm dia. M.S axle on both ends.
18.	Cutter Blades	112 No's, 5 mm thick 40 mm width, 180 mm long and edge sharpened up to 100 mm from bottom & Widthwise Sharpening up to 10 mm, J-type 14 pairs of blades (HRC≥40) hinged in four rows with brackets of MS Flat of 50x50x8 mm with spacer bush of length 22 mm, 10 mm apart, spacer bush 35 mm outer dia. and side collar length 6 mm on both with outer diameter 22 mm.
19.	Rear Roller	MS pipe 114 mm dia. 6 mm wall thickness and 40 mm axle ends welded on sides fitted with MS plate 12 mm for adjustment with M.S Angle Scrapper.
20.	Gear box	Cast iron with Air Vent
21.	Gears	Steel gears, heat treated
22.	Belt Tightener	Proper Belt Tightener will be Provided
23.	Drive system	03 Nos. belts, three groove C type, 355 mm dia. pulley on gear side and 175 mm dia. on rotor
24.	Belt cover	2 mm sheet
25.	Bearings	01 No. 7512 and 7309 and 6210 in gear box 02 Nos. 6312 of main rotor and 02 UC 208 of roller 02 No. 6210 at drive shaft and 02 Nos. 6205 at belt tightener
26.	Parking Stand	MS box 50x50x6 mm, with MS plate 6 mm welded at bottom

MISCELLANEOUS

27.	Paint	Double coat with primer after surface finish
28.	Nuts and bolts	To be tightened with spring washers
29.	Bearings	European Standard or equivalent
30.	Accessories	02 Nos. sets of belts, 01 No. set of blades with nuts & bolts
31.	Warranty	Free: 1 year for parts and service Extended: 5 years for parts supply on payment