

**TECHNICAL SPECIFICATIONS OF RICE STRAW  
SHREDDER/CHOPPER (6-ft)**

<b>GENERAL</b>	
Type	Tractor mounted
Application	For chopping of paddy straw
Tractor power	65 hp or above
Working width	1820 mm
Rotor speed	≥2000 rpm @ 540 PTO rpm
UJ shaft	Provided with protective cover.
<b>OVERALL DIMENSIONS</b>	
Length	1580±20 mm
Width	2130 ±20 mm
Height	1060±20 mm
<b>MATERIAL SPECIFICATIONS</b>	
Main Frame and Top Cover	M.S plate 3 mm welded with MS square pipe 75x6 mm at front and welded with MS plates 6 mm on sides ,reinforced with 50x6 mm angle box at top , MS flat 50x 6 mm at right angle with side plates. Top cover of MS plate 3 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.
A frame	MS rect. boxes 75x50x6 mm with support of MS angle box 50x6 mm and hitch of MS plate 12 mm.
Flappers	MS sheet 145x3 mm each pivoted with MS round 25 mm at bottom to cover front side.
Rotor	MS pipe 152 mm dia. 6mm wall thickness and 60 mm dia. axle ends on both sides
Cutter Blades	112 Nos. HCS, 2 mm thick 25 mm width sharpened ,177 mm long,14 pairs of blades hinged on four rows on the rotor
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
Gear box	Cast iron or cast steel
Gears	Heat treated, steel gears
Belt Tightener	MS channel box 75x38x6 mm, sliding plate 12 mm with bolts 18 mm, 75 mm pulley for tightener
Drive system	03 Nos. belts, three groove C type, 355 mm dia. pulley on gear side and 175 mm dia. on rotor
Belt cover	2 mm sheet
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 of belt tightener
Parking Stand	MS box 50x50x6 mm, with MS plate 6 mm welded at bottom
<b>MISCELLANEOUS</b>	
Paint	Double coat with primer after surface finish
Nuts and bolts	To be tightened with spring washers
Bearings	NTN,SKF,NSK or equivalent
Modifications	To be carried out free of cost, if required
Accessories	02 Nos. sets of belts, 01 No. set of flails with nuts & bolts and 01 No. set of chopper knives with nuts & bolts
Warranty	Free: 1 year for parts and service Extended: 5 years for parts supply on payment

RICE STRAW SHREDDER

