

Technical specification of paddy straw chopper/ shredder cum Spreader

Power source required	Tractor of 55 HP or above	
Type	Tractor pto operated trailed type having two bruising drums	
Drive shaft	As per customer's tractor pto rpm requirement	
Gear box	Heavy duty gear box as per customer's tractor pto rpm requirement	
Reel	Diameter	: 450 mm (min)
	Width	: 1800 mm (min)
	Spacing between tynes	: 180 mm (max)
Cutter bar	Width	: 1950 mm (min)
	Type of blade	: Serrated
Feeding Auger with stone trap mechanism	Should be provided	
	Diameter of auger	: 250 mm
Beater	Should be provided	
Bruising drum & baffle plate assembly	Front	Rear
	Width	Should match with cutter bar width
Diameter	615 mm (min)	330 mm (min)
Number of bars	12 (min)	6 (min)
Number of bars on baffle plate	2 (min)	1 (min)
Number of rows of blades/bars	4 (min)	2 (min)
Spacing between blades	Should not be more than 80 mm	
Chopping size	The Chopping size is a function of diameter of bruising drum, number of blades on drum, overlapping of blades and rpm of drum. Hence, the combination should be such that the machine is capable of providing chopped straw size ≤ 7.5 cm of more than 65 percent of the chopped material.	
Transport wheel	Pneumatic wheels with brand new tyres of size 7.0"-19.0"	
Weight (kg)	1650 (approximate)	
The machine should be able to cut the paddy stubble close to ground		
The machine should be easily serviceable and spare parts should be available		
The workmanship should be of high quality		
The machine should not have sharp projections		
All the moving part should be properly protected		
The machine should be painted with high quality paint after applying proper primer		
The machine should be warranted for two years for any manufacturing defects		

Note: For performance of machine, the test report of the machine may please be referred