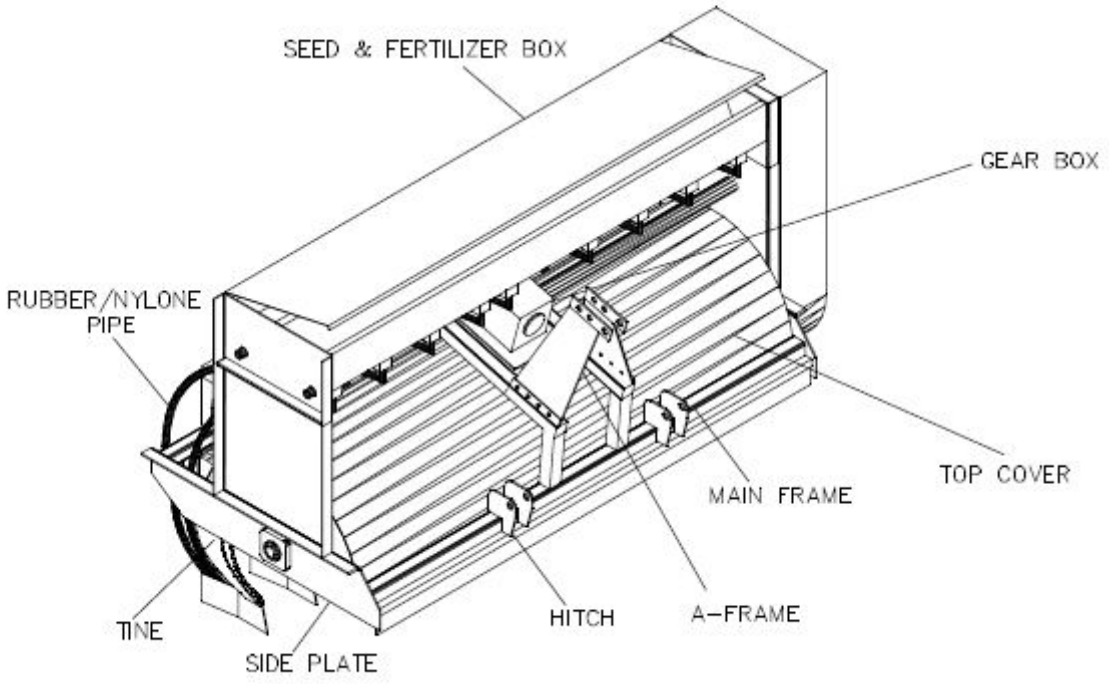
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

15. PAK SEEDER

PAK SEEDER



GENERAL

1.	Application	For sowing of wheat crop in rice stubble field after combine harvesting
2.	Type of machine	Tractor rear mounted
3.	Linkage type	Cat-II
4.	Number of Rows	10
5.	Row spacing	200-225 mm adjustable
6.	Seed and Fertilizer. box	Placed above the main frame and fixed with rotor side plates
7.	Seed and fertilizer box capacity	60 kg each
8.	Universal shaft	Provided
9.	Effective field capacity	1.0 acre/h
10.	Field efficiency	≥ 65 %

OVERALL DIMENSIONS

11.	Overall width	2325 mm ± 20 mm
12.	Working width	1990 mm ± 20 mm
13.	Overall length	1340 ± 15 mm

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14.	Height	1280 mm ± 10 mm
15.	Weight (Approx.)	700 kg

MATERIAL SPECIFICATIONS

16.	Main frame	M.S box 85x85x6 mm welded with MS plate on both ends and bolted with side sheets
17.	Side plates	8 mm MS plate on both sides
18.	Rotor shield cover	3 mm MS sheet welded with side plates, angle iron box on front side and MS strip at back side
19.	Rotor (drum) with shaft	M.S pipe 1960 mm long, outer diameter of 140 mm and 5 mm thick fitted with bubs and shafts of 40 mm diameter for mounting bearings
20.	Cutter blade/flails	20 pairs Y type or U-type (40 blades) 2-knives welded with bush and pivoted with high tensile bolt 12 mm with lock nuts on rotor in 4 rows at alternate intervals
21.	Knife size	185 mm x 50 mm x 7 mm (spring steel HRC ≥ 40) sharpened edge on both side
22.	Tines and shanks	10 tines semi-circular in shape made of M.S plate 16 mm at sharpened front face, 5 mm thick MS sheet for furrow opener with carbon steel tips (HRC > 50) or T-type opener welded on the cutting edge
23.	Tine clamps	20 U-shaped spring steel clamps of 10 mm diameter with nut and spring washer
24.	Depth control	02 steel wheels or rubber wheels, outer diameter of 340 mm or as per manufacturer's standard for tines depth control
25.	Power transmission	Gear box 1:1.72, 1200 to 1350 RPM and transmission shaft of 60 mm diameter covered in casing. Triple grooved pulleys at transmission and rotor shaft with C-type belts with proper belt adjuster. MS 16 gauge sheet cover for belts.
26.	Seed-cum fertilizer box	M.S sheet 18 gauge 2335 mm long trapezoidal shape divided in two box halves, box side width 510 mm, height 250 mm
27.	Boxes lids	M.S sheet 18 gauge with reinforced at center with hooked type locks
28.	Delivery tubes	Seed and fertilizer plastic tubes 3 mm wall thickness, transparent flexible, fixed with clamp on both sides seed and fertilizer metering device
29.	Fluted rollers	Nylon stator and brush
30.	Roller drive shaft	M.S round 22 mm
31.	Seed rate	Adjustable through calibrated slide lever
32.	Rotor shaft bearing	02 Nos. UCF-208 sealed with grease filling facility
33.	Seed and fertilizer shaft	02 Nos. UCL-205 sealed with grease filling facility

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bearings

MISCELLANEOUS

34.	Paint	Double coat with primer after surface finish
35.	Nuts and Bolts	To be tightened with spring washers
36.	Bearings (New)	NTN,SKF, NSK or equivalent
37.	Lubrication	Filled with proper lubrication of PSO lubricant of requisite grade and quantity
38.	Warranty	Free : 01 year for parts and service Extended: 05 years for parts supply on payment