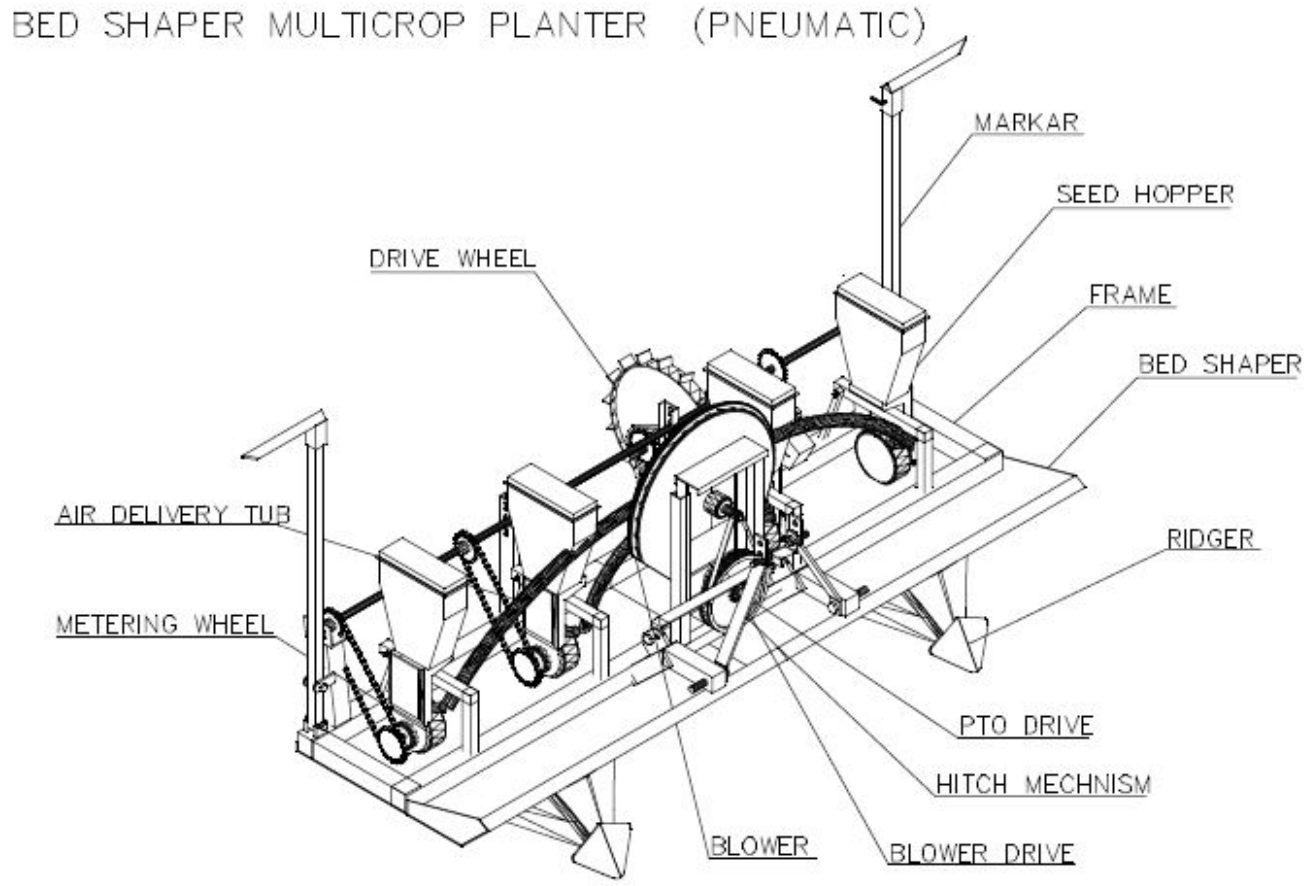
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

18. PRECISION PNEUMATIC PLANTER



GENERAL

1.	Application	For planting of cotton, maize, sunflower & soybeans etc.on beds
2.	Type of machine	Tractor rear mounted
3.	Linkage type	Cat-II
4.	Nos. of rows	04
5.	Row spacing	687-762 mm (adjustable)
6.	Seed metering	Plate type (pneumatic)
7.	Drive mechanism	through ground wheel
8.	Effective field capacity	≥ 0.75 acre/h
9.	Field efficiency	≥ 75%

OVERALL DIMENSIONS

10.	Length	1910 mm ± 20 mm
11.	Height	1600 mm ± 10 mm
12.	Width	2760 mm ± 20 mm
13.	Weight (Approx.)	425 kg ± 10 kg

MATERIALS SPECIFICATONS

14.	Frame	02 Nos. M.S. boxes 62x62x6 mm

TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

15.	Mast (A-frame)	62x12 mm M.S. flat & 50x12 mm M.S. flat
16.	Hitch	62x62x6 mm M.S. box
17.	Bed shaper plate	2440x1220x5 mm M.S. formed sheet
18.	Furrow opener with wings	M.S. plate 6 mm of tip and M.S. plate 5 mm for furrow with wings
19.	Seed metering system	Pneumatic type molded complete (aluminum), the unit should have an air tight suction chamber fitted with revolving vertical seed plate (stainless steel) having holes near its periphery according to crop seed.
20.	Seed box metering frame	04 Nos. 37x37x4 mm M.S. box 05 Nos. with support 25x25x3mm M.S. box
21.	Blower frame	02 Nos. M.Sangle 45x45x4 mm with supports of M.S sheet 3 mm
22.	Blower	01 No. blower speed 4500 rpm, Blower fan body M.S sheet 10 swg. Blower fan 400mm dia of MS sheet 14 swg, blower shaft 30 mm dia.
23.	Air suction Pipe	MS sq. pipe 60x60x4 mm with 04 nos. vent pipe o.d. 38mm x 16swg, Flexible vinyle pipes main 62 mm dia. and distributor pipe 38 mm dia. with steel wire impregnated
24.	Seed box	04 Nos. fiber glass boxes 8 kg each
25.	Seed plate	04 sets 215 mm dia. With 13 Nos. tips for each crop
26.	Seed drive shaft	22 mm M.S. round
27.	Drive mechanism	02 No. ground wheels 6.00-12 with lugs (8 ply), MS box 50x6 mm with 50# chain and 24 nos. of sprockets
28.	Row marker	02 Nos. 35x35x6 mm M.S. box hoe type

MISCELLANEOUS

29.	Paint	Double coat with primer after surface finish
30.	Nuts and bolts	To be tightened with spring washers
31.	Bearings (new)	European Standard or equivalent
32.	Warranty	Free : 1 year for parts and service Extended : 5 years for parts supply on payment