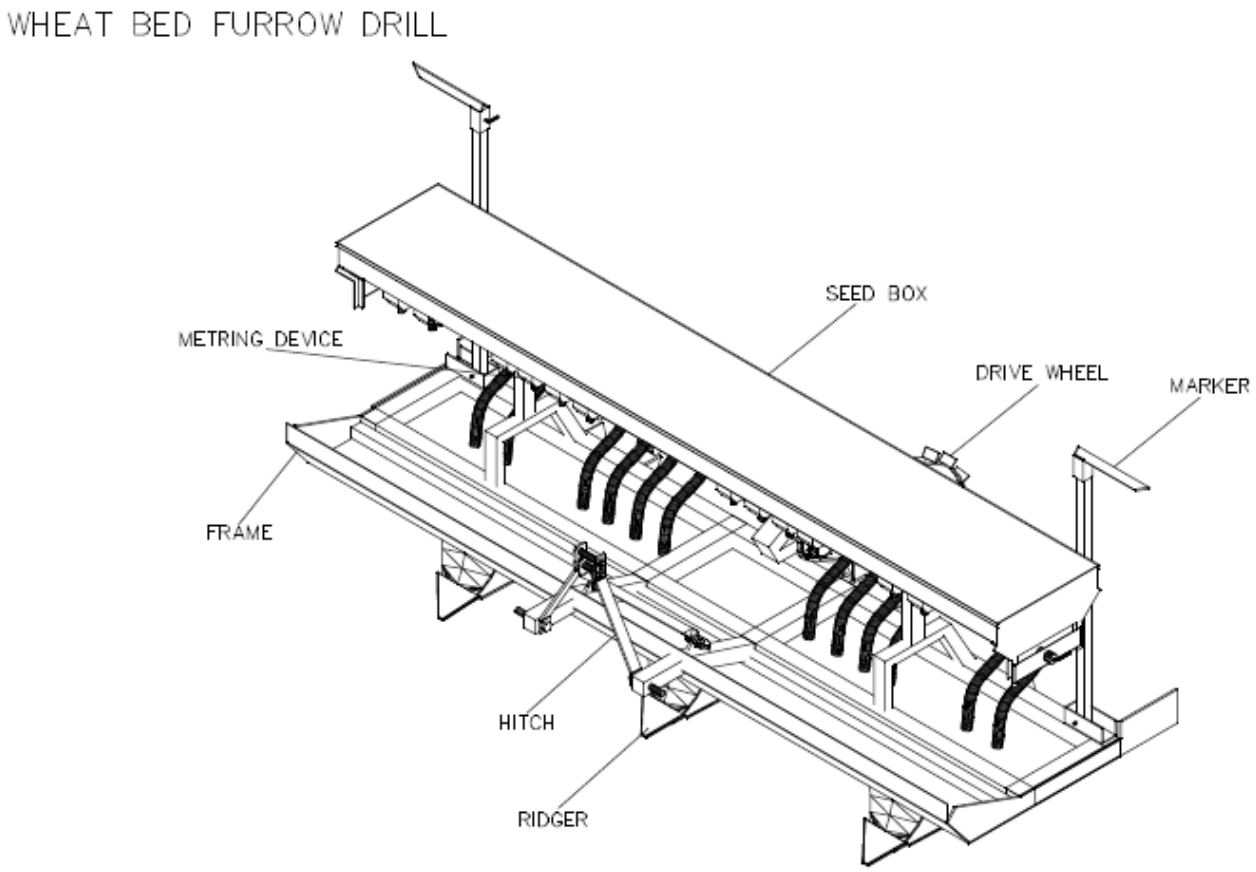
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

14. WHEAT BED AND FURROW DRILL



GENERAL

1.	Application	For sowing of wheat on bed
2.	Type of machine	Tractor rear mounted
3.	Tractor Power	≥ 50 hp
4.	Linkage type	Cat-II
5.	No. of rows	12 Nos.
6.	Drive mechanism	Through ground wheel
7.	Furrow and bed size	Furrow size: 280 mm width and 180 mm depth Bed size: 560 mm width
8.	Field capacity	≥ 0.75 acre/h
9.	Field efficiency	≥ 70 %

OVERALL DIMENSIONS

10.	Length	1850 mm ± 20 mm
11.	Width	2975 mm ± 30 mm
12.	Height	1200 mm ± 10 mm
13.	Weight (Approx.)	450 kg ± 10 kg

TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

MATERIAL SPECIFICATIONS

14.	Frame	M.S. angle 62x62x5 mm, M.S. channel 75x38x4.5 mm
15.	Mast (A-Frame)	M.S. flat 62x12 mm and 50 x12 mm
16.	Hitch	M.S. box 62x62x5 mm
17.	Seed tine cum furrow opener	M.S. plate 190x80x5 mm, M.S. pipe 32 mm dia. and 16 gauge thickness
18.	Wings furrow opener/ridger	M.S. sheet 6 mm
19.	Bed shaper plate	M.S. formed sheet 4 mm, 2570 mm long
20.	Side plate	M.S. sheet 3 mm
21.	Seed box	M.S. sheet 16 gauge
22.	Seed metering device	12 Nos. fluted type
23.	Metering shaft	M.S. cold drawn 22 mm dia.
24.	Ground wheel	M.S. flat 75x6 mm, 450 mm dia. with 10 Nos. spokes of 16 mm dia. M.S. round having chain # 50 and spokes for seed drive mechanism with ground wheel frame 50x50x6 mm M.S. angle with 02 Nos. bearing bracket of UCP 207.
25.	Row marker	M.S. box 38x38x4.5 mm

MISCELLANEOUS

26.	Paint	Double coat with primer after surface finish
27.	Nuts and bolts	To be tightened with spring washer
28.	Bearings	European Standard or equivalent
29.	Warranty	Free: 01 year for parts and service Extended: 05 years for parts supply on payment