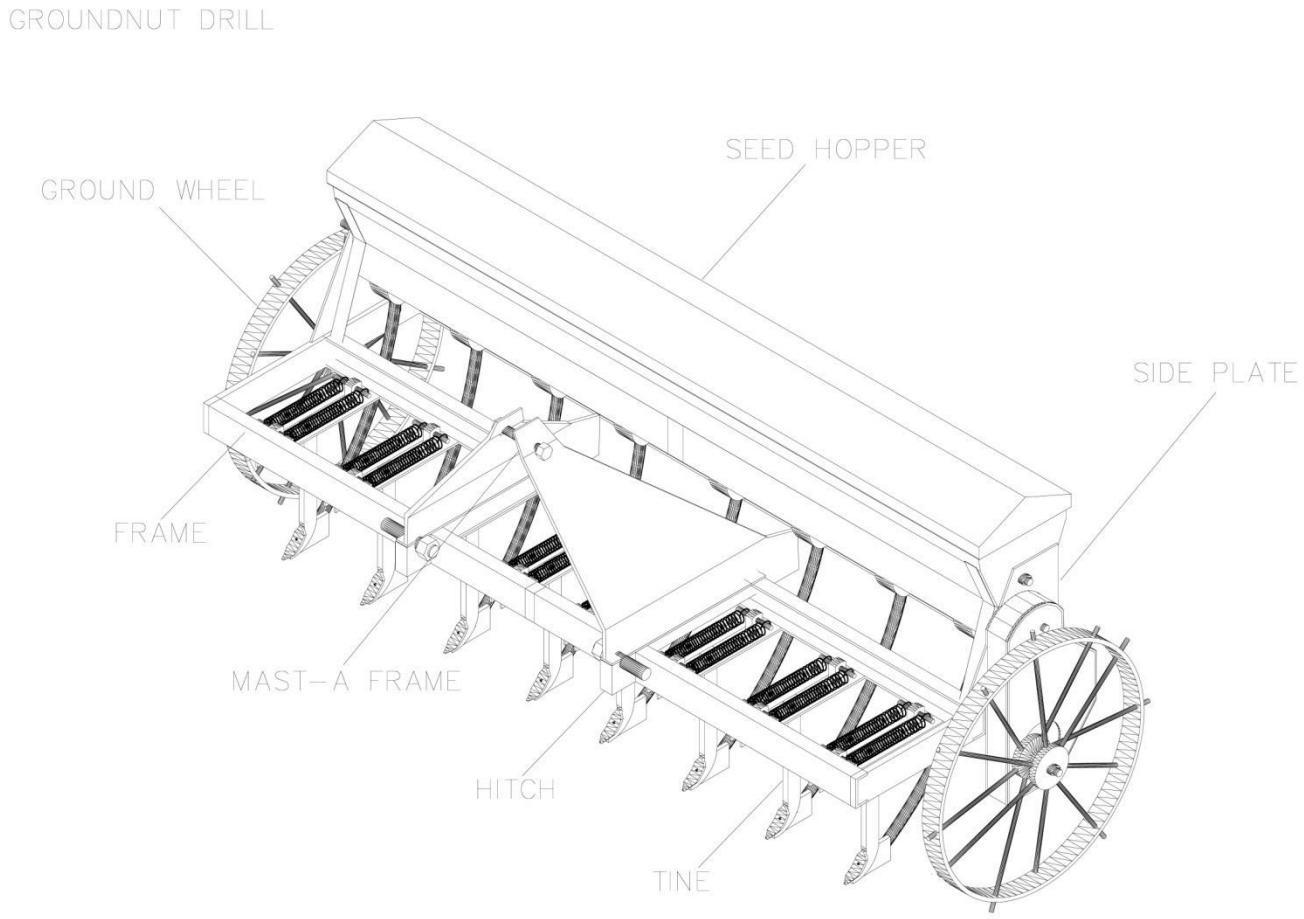
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

52. GROUNDNUT DRILL



GENERAL

1)	Application	For sowing of groundnut
2)	Nos. of rows	08
3)	Row spacing	250-450 mm adjustable
4)	Tractor power	50+ hp
5)	Furrow opener	Hoe type
6)	Seed tube	Flexible/transparent plastic
7)	Power transmission	Ground wheel through gear train
8)	Metering device	Fluted wheel (plastic)
9)	Seed hopper capacity	60-80 kg

OVERALL DIMENSIONS (min.)

10)	Length	1000 mm ± 10 mm
11)	Width	2400 mm ± 20 mm
12)	Height	1000 mm ± 10 mm

TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

13)	Weight (Approx.)	300 kg ± 5 kg

MATERIAL SPECIFICATIONS

14)	Main frame	M.S. channel 75x37x4.5 mm with cross member of M.S. flat 62x8 mm
15)	Hitch	M.S. box 75x40x5 mm
16)	Mast (A-frame)	62x2 mm and 50x9 mm M.S. flat
17)	Seed hopper and lid	M.S. sheet 18 gauge, hopper, mounted with M.S. flat 38x8 mm,
18)	Ground wheel	600mm dia 62x5 mm M.S. flat, 15 mm M.S round and 40 mm M.S. round axle (cold drawn) and C.I hub 100 mm dia mounted on 75x40x6 mm M.S. box
19)	Metering device	
	Seed metering unit	Fluted wheel type (plastic) with adjustable lever for seed rate
20)	Fluted wheel	Slotted type alternative slot from center line
	Size	95 mm dia and 43 mm width
	Slot size	Tapered slots, length 28 mm, width 20 mm and depth 10 mm
	No. of slots	08 Nos.
	Hole for drive shaft	19 mm square
21)	Metering device drive shaft	M.S. square bar 18x18 mm
22)	Tine	08 Nos. forged flat 50x20 mm, tine support M.S. angle 50x4 mm with spring, o.d. 45 mm, wire dia 10 mm
23)	Gears	03 Nos. cast iron face width 25 mm
24)	Bearings	04 Nos. 6306/6307 for wheel and 02 Nos. of 6007 and 01 No. 6304 for gears

MISCELLANEOUS

25)	Paint	Double coat with primer after surface finish
26)	Nuts and bolts	To be tightened with spring washers
27)	Bearings	European standard or Equivalent
28)	Warranty	Free: 1 year for parts and service Extended: 5 years for parts supply on payment