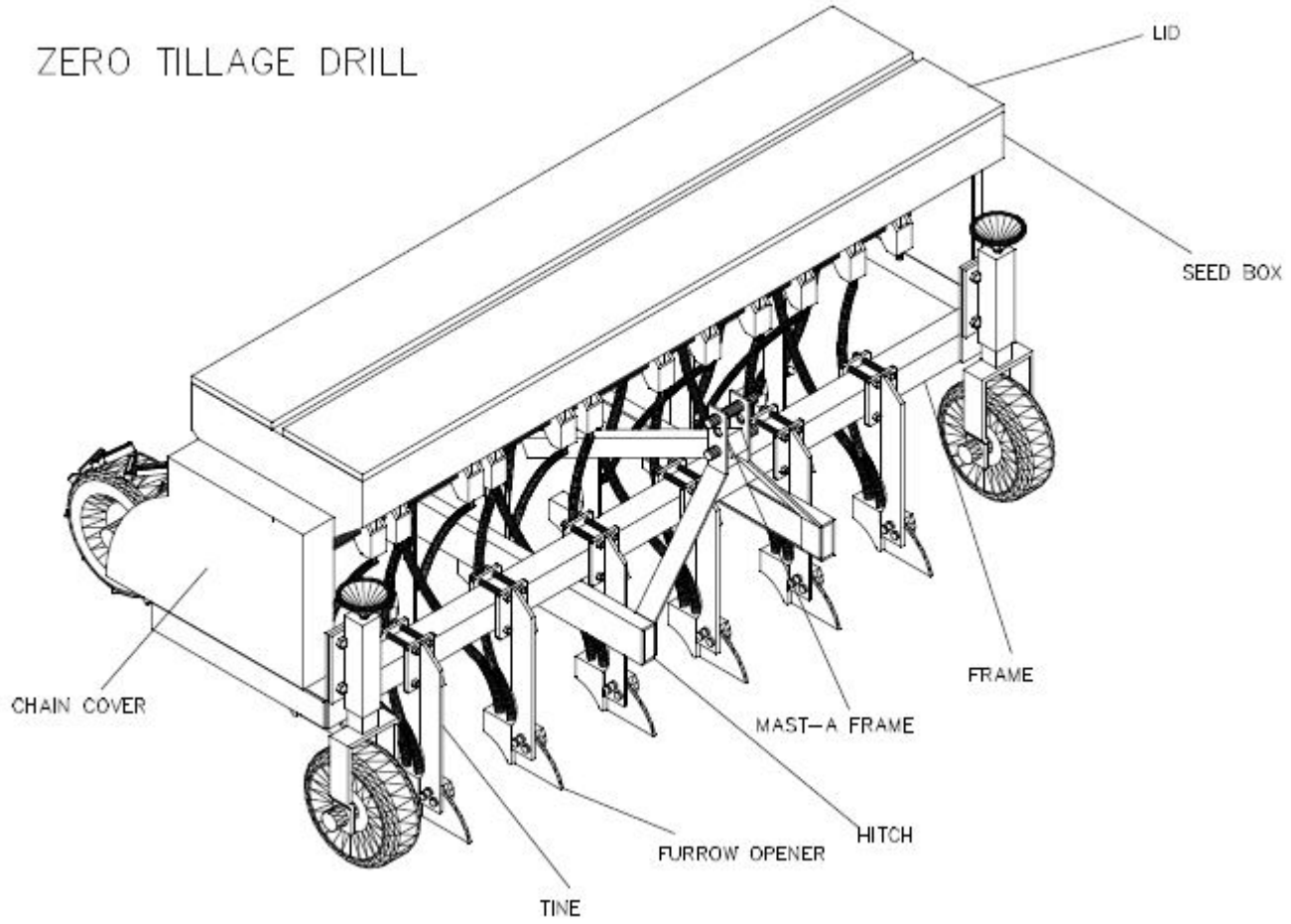
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

28. ZERO TILLAGE DRILL



GENERAL AND TECHNICAL

1.	Application	For sowing of wheat without plough of field
2.	Type of machine	Tractor rear mounted
3.	Linkage type	Cat-II (three point hitch)
4.	Power requirement	50 hp or above tractor
5.	Number of rows	13
6.	Row spacing	150 mm adjustable
7.	Working width	1840 mm ± 10 mm
8.	Seed and fertiliser boxes	Placed above the main frame and fixed with it
9.	Seed and fertiliser boxes capacity	100 kg each
10.	Working depth	Up to 60 mm
11.	Field capacity	≥ 1.0 acre/h
12.	Efficiency	≥ 75 %

OVERALL DIMENSIONS

13.	Overall length	1700 ± 20 mm
14.	Overall width	2460 ± 20 mm

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15.	Overall height	1050 ± 10 mm
16.	Weight	≥ 300 kg

MATERIAL SPECIFICATIONS

17.	Main frame	MS angle of 68 mm × 68 mm × 5 mm
18.	Mast (A-frame)	MS flat 62 mm width and 12 mm thickness
19.	Hitch	MS box or MS square pipe 50 mm x 50 mm x 5 mm
20.	Seed and fertiliser box	MS sheet trapezoidal shape 16 gauge having dimensions (L×W×H) of 1820 mm × 265 mm × 305 mm fitted with seed and fertilizer adjustment levers casted of cast iron with scale
21.	Seed metering mechanism	Fluted rollers made of plastic and casing made of plastic or MS sheet 18 gauge and have flexible pipe tubes (26 No.) for delivery of seed/fertilizer from metering mechanism to soil, the rollers are driven from the ground wheel and rollers are mounted on MS pipe of 19 mm diameter and 2 mm thickness
22.	Power to the metering system	Though ground wheel 580 mm outer diameter and through chain and sprocket system
23.	Furrow opener and tine	T-type 8 mm thick MS sheet with 08 mm tip having HRC > 45 bolted on cast iron casted coulters with seed and fertilizer MS pipes of 25 mm diameter and tine made of MS plate 375 mm x 50 mm x 20 mm

MISCELLANEOUS

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