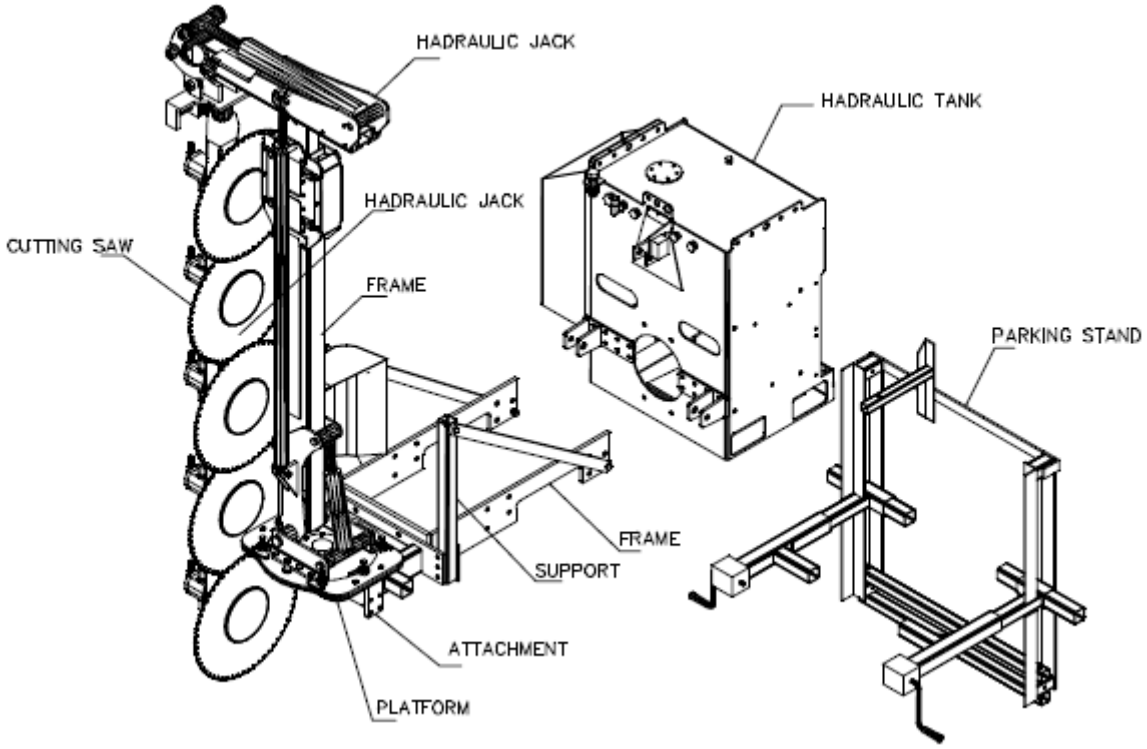
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

12. CITRUS/GUAVA/MANGO/POMEGRANATE TREE PRUNER-Revised

CITRUS/GUAVA/MANGO/POMEGRANATE PRUNER



GENERAL

1.	Application	Used for canopy management of Citrus/Guava/ Mango/ Pomegranate trees
2.	Controls	Electronic
3.	Cutting ability	up to 100 mm (branch dia.)
4.	Hydraulic oil tank capacity	150 liters
5.	Hydraulic pump	Discharge 66 liters/min @ 540 rpm (PTO), 270-300 bar pressure with hydraulic lines
6.	Cooling system	Provided
7.	Tractor power	≥ 60 hp preferably 4WD
8.	Working height	≥ 6500 mm
9.	Type	Tractor Front mounted

OVERALL DIMENSIONS

10.	Length	8000 mm ± 80 mm
11.	Width	810 mm ± 10 mm
12.	Height (max)	7600 mm ± 80 mm
	a) Lower arm height	1500 mm ± 20 mm
	b) Upper arm height	2700 mm ± 30 mm
13.	Weight	≥1100 kg with hydraulic oil

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MATERIAL SPECIFICATIONS

14.	Main frame	03 Nos.150x75x5 mm , 120x60x5 mm, 60x60x5 mm MS box, 02 Nos. 90x85x16 mm MS plate
15.	Tractor attachment	02 Nos. 200x20 mm and 180x16 mm MS plate with 02 Nos. 60x60x4.5 and 50x50x4.5mm and 50x19 mm MS flat
16.	Platform	03 Nos. 12 mm thick MS base plate, 02 Nos. 100x60x12 mm MS angle for hydraulic jack mounting, 02 Nos. 70 mm OD MS bush and 45 mm dia. pin for hydraulic jack and main frame mounting
17.	Hydraulic jack frame	180x100x6 mm MS channel box (Female), 150x75x6 mm MS channel box (Male), 16 mm and 9 mm thick MS plate
18.	Hydraulic jack	85 mm OD housing, 30 mm ram dia. 300 mm long and 60 mm OD housing, 40 mm ram dia. 1400 mm long and 85 mm OD housing, 50 mm ram dia. 450 mm long
19.	Disc	05 Nos., 600 mm dia. 3 mm thick with 54 No. of carbide tips with HRC ≥ 50, hydraulic motors 40-50 bar for each disc
20.	Hydraulic pump frame	1100x810x625 mm, M.S. sheet 6mm thick, with 12mm thick with oil tank hitch plate
21.	Control valve assembly	Double action with jointer release valve 350-400 bar
22.	Parking stand	02 Nos. 72x72x4.5 mm, 60x60x4.5 mm MS box and 02 Nos. 62x62x6 mm, 50x50x4.5 MS angle and 62x12 MS flat
23.	Accessories	01 No. set of blades, tool box, tools and operational manual

MISCELLANEOUS

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