TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

1. DISC HARROW (16-DISCS)



GENERAL

1.	Application	For tilling and incorporation of crop residue into soil
2.	Front gang	Notched
3.	Rear gang	Plain
4.	Disc spacing	220 mm
5.	Tractor power	≥ 50 hp

OVERALL DIMENSIONS

6.	Length	
	Mounted position	2200 mm ± 20 mm
	Trailed position	3400 mm ± 30 mm
7.	Width	2200 mm ± 20 mm
8.	Height	
	Mounted position	1725 mm ± 20 mm
	Trailed position	940 mm ± 10 mm
9.	Weight (min.)	850 kg ± 10 kg

MATERIAL SPECIFICATIONS

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10.	Main frame	M.S. box 150x150x5 mm or rolled channel 6 mm M.S. sheet
11.	Mast (A-frame)	Inverted T-type, M.S. box 75x75x5 mm
12.	Hitch assembly	30 mm dia. M.S round hook, 18 mm M.S. plate bracket, rotatable
13.	Hitch brackets	25 mm M.S. plate
14.	Disc	608 mm dia., 4.5 mm thick, hardened steel (HRC ≥40)
15.	Disc spacer	Cast Iron with male female hex
16.	Disc scraper	5-6 mm M.S. sheet
17.	Gang shaft	68-70 mm M.S. round
18.	Gang angling beam	M.S. box 75x75x5 mm, angle iron reinforced with M.S flat 62x6 mm carrying adjusting holes
19.	Pivot assembly	C-Type yoke/bracket, 50 mm M.S. plate and 6 mm M.S. sheet, with M.S. bush 9 mm wall thickness and 44-45 mm dia. pin
20.	Disc gang standard	15 mm M.S plate reinforced or box 5-6 mm M.S sheet
21.	Transport wheel	02 Nos. 6.00-16, pneumatic, rim 18 kg (min)
22.	Bearing	04 Nos. 6208

MISCELLANEOUS

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