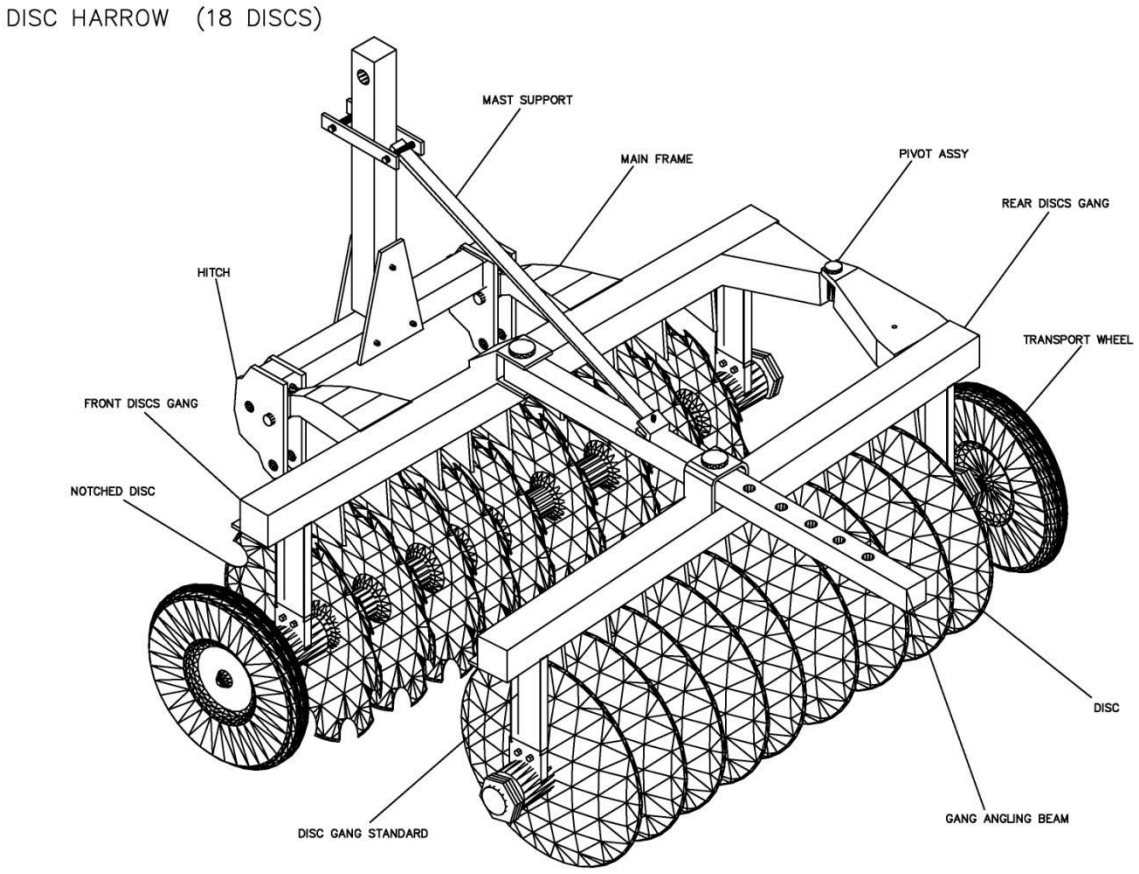
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

57. DISC HARROW (18 DISCS)



GENERAL

1)	Application	Used for tilling and incorporation of crop residue into soil
2)	Front gang	Notched
3)	Rear gang	Plain
4)	Linkage category	II
5)	Tractor power	60 hp or above
6)	Disc spacing	220 mm

OVERALL DIMENSIONS

7)	Length	
	Mounted position	2200 mm ± 20mm
	Trailed position	3400 mm ± 20mm
8)	Width	2200 mm ± 20mm
9)	Height	
	Mounted position	1550 mm ± 20mm
	Trailed position	1350 mm ± 10mm

TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

MATERIAL SPECIFICATIONS

10)	Main frame	02 Nos. M.S. box 130x30x6 mm or rolled channel 6 mm M.S. sheet of same size
11)	Mast (A-frame)	Inverted T-type, 02 Nos. M.S. box 75x75x5 mm, 800 mm long (each) reinforced with 9 mm M.S. plate
12)	Hitch assembly	38 mm dia. M.S round hook, 18 mm M.S. plate bracket, rotatable
13)	Mast Support	62x12 mm leaf spring or 62x62x6 mm M.S box.
14)	Hitch brackets	30 mm M.S. flat, reinforced with 6 mm M.S. sheet
15)	Disc	660 mm dia., 6 mm thick hardened steel HRC 40 – 50
16)	Disc spacer	C.I/M.S. with male female hex
17)	Disc scraper	5 mm M.S. sheet
18)	Gang shaft	68 mm M.S. round
19)	Gang angling beam	M.S. box 75x75x5 mm, reinforced with M.S flat 75x6 mm at top or inner side with adjusting holes
20)	Pivot assembly	C-Type yoke/bracket made from 25 mm M.S. plate and 6 mm M.S. sheet, M.S. bush made from pipe of 10 mm wall thickness and 50 mm dia. pin, hardened
21)	Disc gang standard	15 mm M.S plate reinforced with 9mm M.S. flat welded to main frame or 5 mm M.S sheet to make box welded to main frame
22)	Transport wheel	To be fitted on sides or on rear wards with back frame
23)	Wheel	02 Nos. 6.00-16, pneumatic (general) with 02 rims of 18 kg (min)
24)	Hub	02 Nos. steel cast
25)	Bearing	04 Nos. 6208
26)	Axle	02 Nos. 45 mm dia. M.S.
27)	Mounting	02 Nos. M.S. box 62x62x6 mm, 600 mm long
28)	Disc Bearing	08 Nos. 7512 or 32212 tapered roller

29) MISCELLANEOUS

30)	Paint	Double coat with primer after surface finish
31)	Nuts and bolts	To be tightened with spring washers
32)	Bearings	European standard or equivalent
33)	Warranty	Free : 1 year for parts and service Extended : 5 years for parts supply on payment