TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

24. MULTI CROP THRESHER



GENERAL

1.	Application	Threshing for Wheat, Gram, Pulses and other similar Crops.
2.	Type of machine	Tractor trailed
3.	Threshing Capacity	1600-2000 kg/ hr.
4.	Power Requirement	Tractor, ≥ 50 hp
5.	Drum Speed	Adjustable, 540 & 750 rpm
6.	Wheels	02 Nos. rims with tyres size 6.00-16

OVERALL DIMENTIONS

7.	Total Length	4300 mm ± 40 mm
8.	Total Width	2100 mm ± 20 mm
9.	Total Height	2400 mm ± 20 mm
10.	Weight (Approx.)	1800 kg ± 10 kg

MATERIAL SPECIFICATION

11.	Frame	75x75x9 mm, 75x75x6 mm & 62x62x6mm M.S Angle.
12.	Hitch	125x60x6 mm, M.S. channel
13.	Threshing Drum	850 mm dia. 1320 mm long, 05 Nos. Rings 50x8 mm M.S. flat, 08 Nos. cutter bars, M.S Flat 50x12mm with 3 mm M.S. sheet

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		cover, 100 Nos. beaters of M.S flat 50x6 mm welded with cutting tip 8 mm, HRC 50-60, drum cover 3 mm M.S Sheet
14.	Blower	01 No. 4 paddles of 4 mm M.S. Sheet. with cover M.S Sheet 6 mm, 2.5 mm on sides 01 No. 4 paddles of 16 gauge with cover of same size
15.	Feeding Chamber	08 Nos. M.S Feeding Star, 2.5 mm guage M.S Sheet
16.	Concave	02 Nos. replaceable, 01 .No. M.S square bar 6x9 mm and 01 No.11-guage M.S Sheet with square Hole size 10mm
17.	Shafts	Threshing 72 mm, PTO 50 mm, feeding roller 45 mm, Cam 40 mm and blower 38 mm M.S. round cold drawn and counter shaft for blower at side 55 mm dia.
18.	No. of Sieves	05 Nos. M.S angle 38x38x5 mm, 01 No Fixed of hole size 2.5 mm, 02 Nos. replaceable, 02 sets for Gram and similar crop of hole size 11 and 10 mm 02 sets for wheat and similar crop of hole size 8 and 6 mm
19.	Balancing Wheels	03 Nos., 01 Cast Iron 850 mm dia. and 02 Cast Iron 750 mm dia.
20.	Bearings	04 Nos.6313, 02 Nos. 6310, 02 Nos. 6207, 01 No.6215. 02 Nos. 6209. 02 Nos. 6208. 04 Nos. 6205, 02 Nos.6204 and 02 Nos. 6208. 02 Nos. 6209 for wheels
21.	Parking Stand	50x50x6mm M.S Box

MISCELLANEOUS

22.	Paint	Double coating after primer and smooth surface finish
23.	Bearings	European Standard or equivalent
24.	Warranty	Free: 1 year for parts and service Extended: 5 years for parts supply on payment