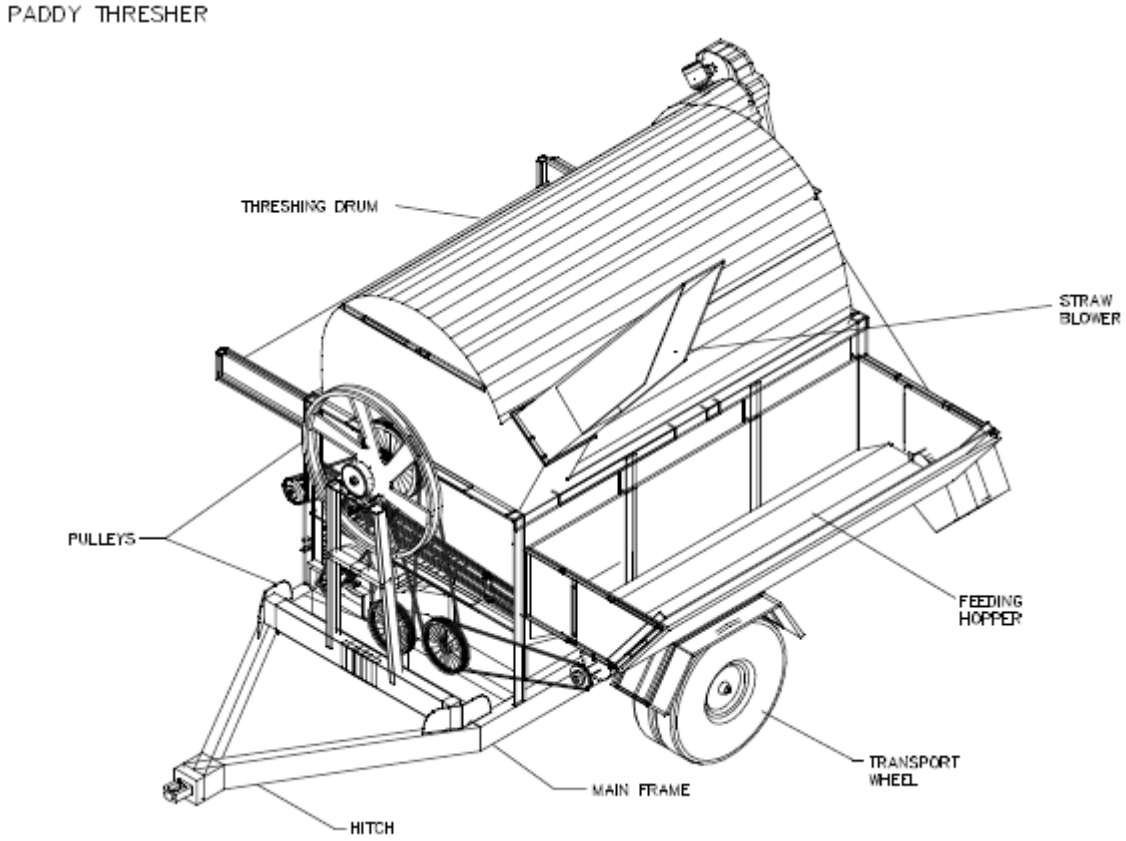
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

44. PADDY/RICE THRESHER (7 ft.)



GENERAL

1.	Application	For threshing of paddy crop
2.	Threshing capacity	1600-2000 Kg/hr.
3.	Power requirement	≥ 50 hp tractor or 25 hp electric motor
4.	Drum speed	540 RPM
5.	Wheels	02 Nos. hubs and 04 Nos. rims and tyres 7.50-16

OVERALL DIMENSIONS

6.	Length	4300 mm ± 40 mm
7.	Width	2800 mm ± 30 mm
8.	Height	3300 mm ± 30 mm
9.	Weight	≥ 2000 kg

MATERIAL SPECIFICATION

10.	Main frame	125x60x6 mm MS channel with side frame 75x75x6 mm and 60x60x6 mm MS angle
11.	Hitch	125x60x6 mm MS channel and 38 mm dia. round hook
12.	Drum	700 mm dia. 1880mm long concave, 11 mm MS round bar
13.	No. Of beaters (cutter)	220 Pcs. 100x18 mm tempered rod HRC 25-30 fixed with 14 mm nut

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14.	Cradle frame	50x50x6 mm MS angle
15.	No. of sieves	02 Nos. Sieves 01, 16 guage MS sheet, hole size 15 mm for cleaning of paddy &01, feeding sieve 5 mm MS sheet with 15mm hole dia.
16.	No. of blowers	03 Nos. blowers, 600 mm long with 04 blades 2 mm MS sheet
17.	Feeding platform & chair (folding)	2100x700x2 mm MS sheet, 1 No. chair folding
18.	No. of worms (screw conveyors)	2150mm long,150mm dia. horizontal (02-Nos.) and 01 No. 250 mm dia. vertical
19.	Fan blade main	07 Nos. 300x209x6 mm MS sheet
20.	Fan blade cover	2.5 mm MS sheet
21.	Vertical pipe	254 mm dia. 2 mm thick
22.	Jack rods (For Parking)	04 Nos. 300 mm long, 38 mm screw dia.
23.	Balancing wheels	02 Nos. cast iron 750 mm and 500 mm dia.
24.	Bearings	

Wheels	6209, 02 Nos. and 6208, 02 Nos.
PTO	6310, 02 Nos.
Threshing Drum	6313, 02 Nos.
Cam shaft and sieve blower	UC 208, 05 Nos.
Vertical conveyor	UC 208, 02 Nos.
Horizontal conveyor	UC 208, 05 Nos.
Cradle	6205, 08 Nos.
Belt tightners	6204, 08 Nos.

MISCELLANEOUS

25.	Paint	Double coating with primer after surface finish.
26.	Bearings	European standard or Equivalent
27.	Nut bolts	Tighten with spring washers
28.	Warranty	Free: 1 year for parts and service
		Extended: 5 years for parts supply on payment