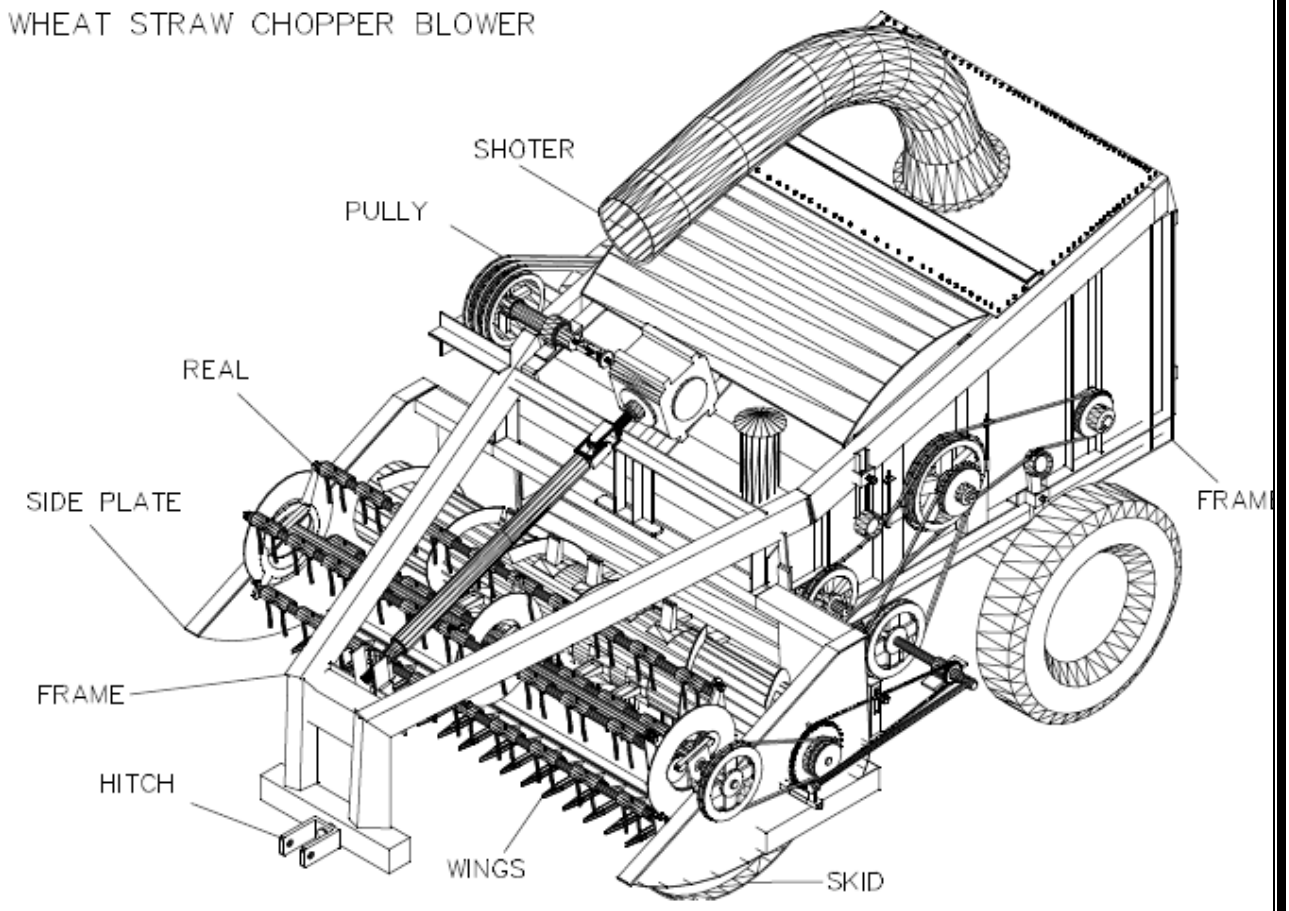
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

31. WHEAT STRAW CHOPPER BLOWER



GENERAL

1.	Application	For collecting and chopping of wheat straw after combine harvester operation.
2.	Working width	2300 mm or above
3.	Wheels	02 Nos. 7.50-16, 12 PR
4.	Tractor power	≥ 65 hp
5.	Field Capacity	≥ 1.0 acre/hr

OVERALL DIMENSIONS

6.	Length	3700 mm ±30 mm
7.	Width	2700 mm ±20 mm
8.	Height	2100 mm ±20 mm
9.	Weight	≥ 2100 kg

MATERIAL SPECIFICATIONS

10.	Hitch	100x100x5 mm MS box
11.	Toe hook	U-type 17 mm MS plate rotatable
12.	Trolley hook	U-type 25 mm MS plate rotatable

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13.	Main frame	5 mm MS formed sheet on both sides
14.	Back side frame	150x75x5 mm MS box
15.	Hydraulic pipes	02 Nos. 12 mm dia. MS pipe
16.	Gear box	Cast iron/MS casting, with 1:1 ratio
17.	UJ shaft	01 No. standard quality forged yokes

REEL ASSEMBLY

18.	Reel pipe	06 Nos. 32 mm dia. MS pipe with 2 mm wall thickness.
19.	Reel plates	03 Nos. 14 gauge MS sheet formed, hexagonal
20.	Reel shaft	58 mm dia. MS pipe with 2.5 mm wall thickness
21.	Collectors	72 Nos. straw collectors, 5 mm spring steel
22.	Bearings	02 Nos. UCP 207.

CUTTER BAR ASSEMBLY

23.	Cutter bar length	2360 mm
24.	Blades	31-33 Nos. triangular 75 mm, HRC 50-60
25.	Blade guards	Steel cast/forged steel
26.	Drive system	Wobble box of combine harvester 1:1 ratio
27.	Skids	02 Nos. 62x12 mm MS flat

AUGER ASSEMBLY

28.	Auger frame	3 mm MS sheet, both sides.
29.	Auger dia.	250 mm MS pipe with 2 mm wall thickness.
30.	Auger flights	95x2 mm MS sheet
31.	Auger lugs	20 Nos. semicircular formed MS sheet 100x2 mm fitted with nut & bolts on 2 mm base plate.
32.	Auger bearings	UCP/UCF, 207/208
33.	Auger axle	40 mm dia. MS round axles 02 Nos.
34.	Auger sprocket & chain	Sprocket 12 mm face width, 60 # chain.
35.	Intermediate & sieve shaft	40 mm dia. MS round.
36.	Feeder shaft	45 mm MS round, with 02 Nos. appropriate size bearings.

THRESHING DRUM ASSEMBLY

37.	Threshing drum rims & rings	05 Nos. (03 Nos. rims & 02 Nos. rings) 582 mm dia. MS formed sheet/Steel casting.
38.	Threshing drum shaft	66 mm MS round with 02 Nos. appropriate size universal type bearings.
39.	Threshing bar	16 Nos. 1475x50x9 mm MS flat
40.	Threshing blades & concave	280 Nos. 50-60 HRC
41.	Sieve	18 gauge M.S. sheet 4.5 mm holes dia.
42.	Grain tray	MS sheet 16-gauge, can hold 40 kg grains.

TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

BLOWER ASSEMBLY

43.	Fan	2 Nos. each with 4-wings, MS sheet 4 mm thickness
44.	Blower shaft	66 mm MS round with 02 Nos. appropriate size universal type bearings
45.	Blower body	2 mm and 3 mm MS sheet infront of fan′s face
46.	Blower pipe	Moveable, 14 gauge MS sheet with extension pipe 16 gauge

MISCELLANEOUS

47.	Paint	Double coating after primer and smooth surface finish
48.	Nuts and bolts	To be tightened with spring washers
49.	Bearings	European Standard or Equivalent
50.	Warranty	Free : 1 year for parts and service Extended : 5 years for parts supply on payment