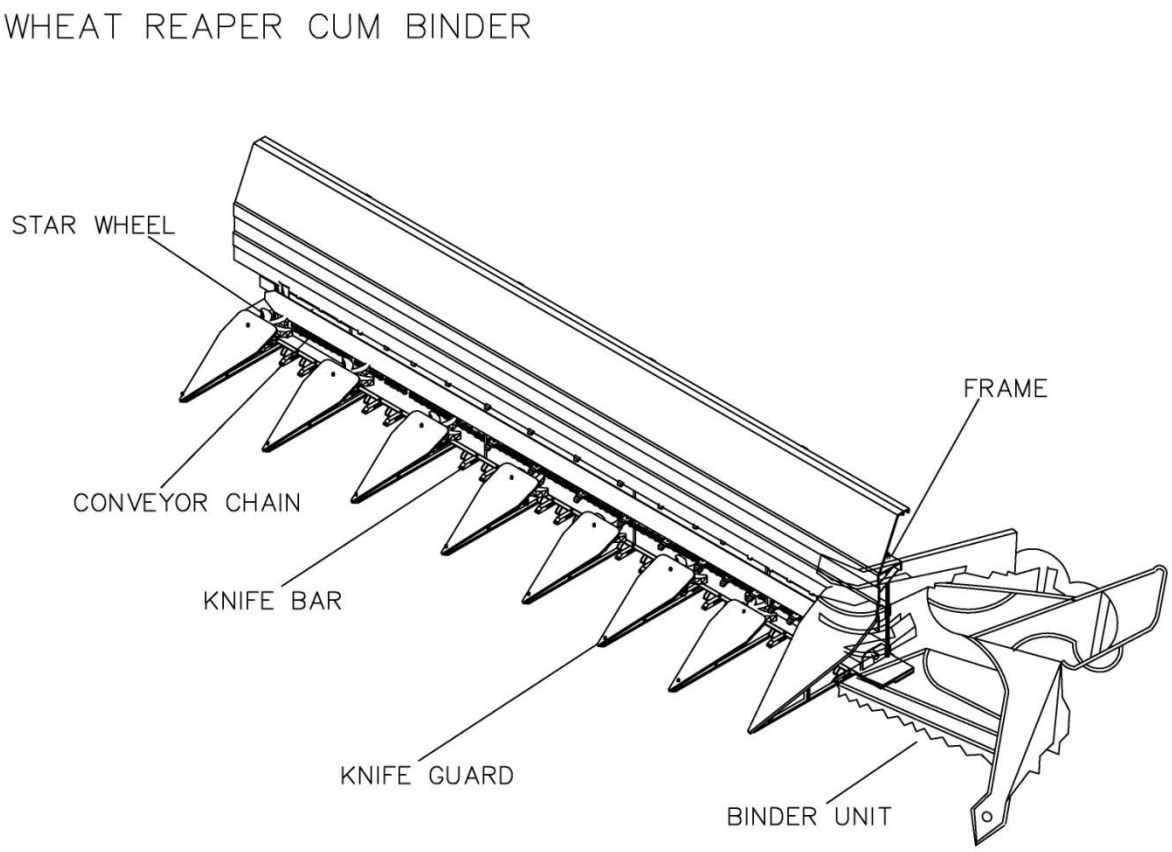
TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

46. WHEAT REAPER CUM BINDER



Parameters	Description
A. Reaper Specifications	
General	
1) Application	For cutting of wheat and rice crop
2) Attachment	Provided
3) Cutting width	2180 mm
4) Tractor power	≥ 50 hp
Overall Dimensions	
5) Length	2650 mm ± 10 mm
6) Width	1300 mm ± 20 mm
7) Height	750 mm ± 10 mm (adjustable)
8) Weight (min.)	370 kg ± 10 kg
MATERIAL SPECIFICATIONS	
9) Frame	
a. Lower box	01 No. M.S. 125x30x4.5 mm

TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

	b. Vertical boxes	02 Nos. M.S. 100x30x4 mm
	c. Front panel	M.S. 18 gauge
	d. Conveyer Chain	04 Nos. channels, 60 # chain with 38 Nos. lugs fitted on chain, made of M.S. formed sheet
10)	Cutter bar assembly	
	a. Knife bar	02 Nos. 22x6 mm M.S. flat
	b. Blades	28 Nos. triangular 75 mm, HRC 50-60
	c. Knife Guard Fingers	Steel cast
	d. Hold down clips	06 Nos., steel cast/steel plate
	e. Drive lever end	01 No. cam type, M.S.
	f. Gear box	02 Nos. Cast Iron
	g. Chain sprockets	04 Nos. cast iron/M.S. formed sheet for 60 # chain
11)	Header Assembly	
	a. Pipes	M.S pipe, 21 mm sq. rod 21 mm, and M.S. flat 30x5 mm, 18gauge M.S. formed sheet
	b. Star wheels	Polypropylene plastic with bearings
	c. Pressure spring	14 Nos. 4 mm dia. Spring steel
13)	Tractor attachment	M.S. box of 60x60x5 mm
14)	Lifting and lowering assembly	
	a. Legs front and back	04 Nos. legs made of steel cast or steel plate
	b. Pulleys	100 mm dia. cast iron with pins
	c. Steel rods	02 Nos. steel rods, 17 mm dia.
15)	Power transmission	PTO shaft pulley 150 mm dia., cast iron
16)	Propeller shaft	39 mm dia. M.S. pipe, 3 mm wall thickness

B. BINDER PARTS

17)	Gear Box	CI ratio 1:1
18)	Pillars with arm and arm support	Aluminum casted, Left pillar 170x170 mm, 250 mm long, Right pillar 150x150 mm, 250 mm long
19)	Binder Shafts	Needle shaft 30 mm dia. Trigger shaft 14 mm dia. Binding cone shaft 25 mm dia. Bachman 370 x 220 mm
20)	Knotter mechanism (complete)	Provided, European standard or Equivalent
21)	Binder main parts with bearings	Binder needle 480x310 mm 01 No. Cone drum Binder left support 530 x 75 mm aluminum cast 07 No. 6205 01 No. 6206 04 No. 6203

TECHNICAL SPECIFICATIONS OFAGRICULTURAL IMPLEMENTS

		01 No. 6012 01 No. 62202
22)	Connecting rod	MS 475 mm long and 60 mm dia.

MISCELLANEOUS

23)	Paint	Double coat with primer after surface finish
24)	Nuts and bolts	To be tightened with spring washers
25)	Bearings	European standards or Equivalent
26)	Warranty	Free: 01 years for parts supply and service Extended: 05 years for parts supply on payment
27)	Origin	Locally made

Accessories — 01 spring tines cultivator, Operational manual, Ten reaper binder and baler thread/rope and tool kit, Tractor attachment complete