

Combine Harvester

ENGINE		Ashok Leyland	
Model	ALU-400		
Power	105 BHP at 2200 rpm		
No. of Cylinder	Six		
Air Cleaner	Combination of Dry & Wet Type		
Cooling Systems	Water Cooled		
CLUTCH			
Type of Clutch	Single Heavy Duty Dry Clutch		
Dia (mm)	310		
TRANSMISSION			
No. of Gears	3 Forward, 1 Reverse		
Gear Speeds (Km/hr)			
Forward			
1st Gear	2—4		
2nd Gear	4—8		
3rd Gear	8—20		
Reverse	4—8		
CUTTER BAR			
Width	14 feet (4.3 m)		
Cutting Height (mm)	55-1200		
No. of Blades	57		
No. of Guards	57		
Stroke (mm)	85		
Reel (rpm)	20—55		
Dia (mm)	915		
THRESHING DRUM	W Rasp Bar	P Peg Tooth	
Width (mm)	1250	1265	
Diameter (mm)	606	605	
Speed (rpm)	540 to 1200		
Speed Adjustment	By Means of Mechanical Variator		
CONCAVE			
Clearance			
Front (mm)	17 to 30	13 to 35	

Rear (mm)	7.5 to 11	9 to 12
Adjustment	Mechanical	
STRAW WALKER		
No. of Straw Walker	6 - 5	
No. of steps	5	
Length (mm)	3770	
Width (mm)	234	
CLEANING SIEVES		
Area (m2)		
Upper Sieve	2.3	
Lower Sieve	1.3	
CAPACITIES		
Grain Tank (m3)	2.6	
Fuel Tank (lt.)	365	
BATTERY		
No. of Batteries	2	
Capacity & Rating of each	12 V. 88 Ah	
TYRE	Size	Ply Rating
Front	18.4/15x30	12 PR
Rear	7.5x16	12 PR
MAIN DIMENSIONS		
In Working:		
Length (mm)	8350	
Width (mm)	4680	
Height (mm)	3655	
In Transport		
Length (mm)	12150	
Width (mm)	3200	
Height (mm)	3655	
WEIGHT (Kg)	8580	