

# AC Cabin Combine Harvester

## Technical Specifications

<b>ENGINE</b>		<b>Ashok Leyland</b>	
Model	ALU-400		
Power	105 BHP at 2200 rpm		
No. of Cylinder	Six		
Air Cleaner	Combination of Dry & Wet Type		
Cooling Systems	Water Cooled		
<b>CLUTCH</b>			
Type of Clutch	Single Heavy Duty Dry Clutch		
Dia (mm)	310		
<b>TRANSMISSION</b>			
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		
<b>CUTTER BAR</b>			
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		
<b>THRESHING DRUM</b>	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		
<b>CONCAVE</b>			

Clearance		
Front (mm)	17 to 30	13 to 35
Rear (mm)	7.5 to 11	9 to 12
Adjustment	Mechanical	
<b>STRAW WALKER</b>		
No. of Straw Walker	6 - 5	
No. of steps	5	
Length (mm)	3770	
Width (mm)	234	
<b>CLEANING SIEVES</b>		
Area (m2)		
Upper Sieve	2.3	
Lower Sieve	1.3	
<b>CAPACITIES</b>		
Grain Tank (m3)	2.6	
Fuel Tank (lt.)	380	
<b>BATTERY</b>		
No. of Batteries	2	
Capacity & Rating of each	12 V. 88 Ah	
<b>TYRE</b>	<b>Size</b>	<b>Ply Rating</b>
Front	18.4/15x30	12 PR
Rear	7.5x16	12 PR
<b>MAIN DIMENSIONS</b>		
In Working:		
Length (mm)	8350	
Width (mm)	4680	
Height (mm)	3655	
In Transport		
Length (mm)	12150	
Width (mm)	3200	
Height (mm)	3655	
<b>WEIGHT (Kg)</b>	8580	
<b>SPECIAL FEATURES</b>		
A.C. Cabin		

Height	1580 (mm)
Length	1370 (mm)
Width	1600 (mm)