

MULTICROP COMBINE HARVESTER

Technical Specifications

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.)	380	
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	
SPECIAL FEATURES		
A.C. Cabin		

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