

INDUSTRY'S 1ST HARVESTER WITH
CED BASED PAINT



Finance Available Through All Banks

SONALIKA SAMRAT

MULTI CROP HARVESTER

- Samrat is a self propelled wheel type combine harvester best suitable for harvesting of crops like maize, soyabean, toor dal, dhania, bajra, wheat, paddy, moong, corn, barseem etc.
- Higher power (101 bhp) turbo charge inter cooled engine.
- Optional 4 wheels drive for better traction in semi-wet & wet fields



Heavy duty disc brake



Constant mesh gear box



New stylish Steering



2 piece stainless steel elevator



Low maintenance

WORLD'S NO. 1
HEAVY DUTY RANGE

Technical Specification

ENGINE		
Power (RPM)	: 101 HP Ashok Leyland	
No. of Cylinder	: 6	
Air Cleaner	: Dry	
Cooling System	: Water cooled	
CLUTCH		
Type of Clutch	: Single, Heavy Duty Dry Clutch	
Dia (mm)	: 330	
TRANSMISSION		
No. of Gears	: 4 Forward	1 Reverse
Gear Speed (km/hr)		
Forward	L	H
1st Gear	: 1.8	2.9
2nd Gear	: 4	6.4
3rd Gear	: 7.25	11.6
4th Gear	: 15.9	25.5
Reverse	: 5.3	8.4
CUTTER BAR MECHANISM		
for Wheat, Paddy & Others		
Width (mm)	: 4.3	
Cutting Height (mm)	: 65–1275	
No. of Blades	: 58	
No. of Guards	: 29	
Stroke (mm)	: 85	
Reel Speed	: 20–55	
Reel Dia (mm)	: 915	
Feeder Housing	: Chain Type Feeder	
MAIZE		
Cutter Bar Working Width (mm)	: 3.4m, 3.12m	
No. of Rows	: 5/6/7	
Spacing of Rows (mm)	: 457.2, 609.6, 762 (18"/24"/30")	

*The product & Specifications are subject to change/discontinue without any notice on the sole discretion of manufacturer.

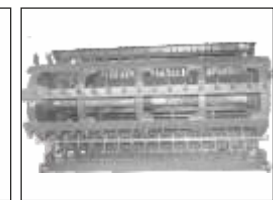
THRESHING MECHANISM			
Thresher Drum	: Wheat (Rasp Bar)	Paddy (Peg Tooth)	(Maize Peg Tooth)
Width (mm)	: 1250	1250	1250
Diameter of Thresher Drum (mm)	: 605	605	605
Speed rpm	: 540–1200		
Speed Adjustment	: By means of Mechanical Variator		
STRAW WALKER			
No. of Straw Walker	: 5		
No. of Steps	: 5		
Length (mm)	: 3770		
Width (mm)	: 235		
CLEANING SIEVES			
Area	:		
Upper Sieve Area (m ²)	: 2.42		
Lower Sieve Area (m ²)	: 1.77		
CAPACITY			
Grain Tank (m ³)	: 2.5		
Fuel Tank (ltr.)	: 365		
TYRE			
No. of Batteries	: 2		
Capacity of Rating of each	: 12V, 100		
TYRE			
	Size	Ply Rating	
Front	: 18.4–30	12pr/14pr	
Rear	: 9.00–16	16pr	
MAIN DIMENSIONS (Approx.)			
In working			
Length (mm)	: 8370		
Width (mm)	: 4665		
Height (mm)	: 3850		
Ground Clearance (mm)	: 370		
In Transport			
Length (mm)	: 12450		
Width (mm)	: 3035		
Height (mm)	: 3850		
Total Weight (Kg.)	: 9120 with trailer (Approx.)		



5 speed Gear box



Large grain tank capacity enables long working hours with minimum interruption



Threshing drum for Wheat, paddy & other crops



6 bat reel



Heavy duty feeder with 4 chain & 60 feeder strips



Heavy duty straw walker



Large sieve area for optimum grain cleaning



Grain unloading augur



Bigger blower with flow adjustment



Comfortable cushioned driver seat with adjustable height



Projector type head lighting



Heavy duty rear axle



Ashok Leyland 101 HP Stage 4 Engine



Tool kit – Safety lock



Extra capacity diesel tank

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HEAVY DUTY RANGE

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Authorised Dealer

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