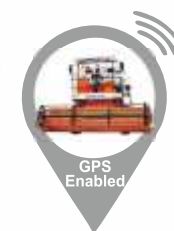


SONALIKA SAMRAT

NOW AVAILABLE WITH 133 HP



- 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 (133 bhp) turbo charge inter cooled engine.
- Stainless steel parts in all grain touching areas.
- Optional 4 wheels drive for better traction in semi-wet & wet fields.
- Self cleaning radiator fan.



**INDUSTRY'S 1ST HARVESTER WITH
CED BASED PAINT**



**WORLD'S NO. 1
HEAVY DUTY RANGE**

Technical Specification

ENGINE			
Power (RPM)	: 133 HP Stage IV		
No. of Cylinders	: 6		
Air Cleaner	: Dry Type		
Cooling System	: Water cooled		
CLUTCH			
Type of Clutch	: Single, Heavy Duty Dry Clutch Type		
Dia (mm)	: 330		
TRANSMISSION			
No. of Gears	: 4 Forward		1 Reverse
Gear Speed (km/hr)	Low	High	
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 (18"), 609.6 (24"), 762 (30")		
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 (Cubic mtr)	: 2.5	
Fuel Tank (ltr.)	: 365	
BATTERY		
No. of Batteries	: 2	
Capacity & Rating of each Battery	: 12V, 100	
TYRE		Size
Front	: 18.4–30	Ply Rating
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.)	

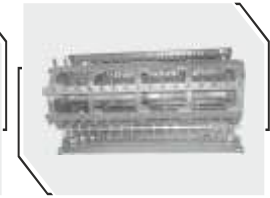
*The product & Specifications are subject to change/discontinue without any notice on the sole discretion of manufacturer.



5 speed Gear box



Large grain tank capacity enables long working hours with minimum interruption



Threshing drum for Wheat, paddy & other crops



6 bar reel



Longer feeder with 3 flats



Heavy duty straw walker 1.6 mm thick



Large sieve area for optimum grain cleaning



Grain unloading augur self locks



Bigger blower with flow adjustment



Comfortable cushioned driver seat with adjustable height



Projector type head lighting



Heavy duty rear axle / offset axle



133 hp stage IV Engine



Tool kit – Safety lock



Extra capacity diesel tank

WORLD'S NO. 1

HEAVY DUTY RANGE

INTERNATIONAL CARS & MOTORS LTD.

Plant: 25th Milestone NH70, (Una–Amb Road), Industrial Area, Amb, Distt. Una (HP) 177203

Tel.: +91–1976–304314, **Fax:** +91–1976–304315 **Email:** info@sonalikindustries.com

Authorised Dealer

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