

Delivering Ultimate Mechanical Perfection.



PREET 987 **STELLAR** MAIZE COMBINE HARVESTER with AC CABIN



Specially Designed for :



Wheat



Paddy



Maize



Red Gram



Soyabean



Sunflower



Mustard



Grams



Arhar



Moong

Ready to Thrill with eye catching Features :



Sprocket counting increased in chamber. More feeding capacity.



Heavy duty gearbox with 5 Speeds collar shift gears. Clutch plate 13" used.



Sieve box opening can be adjusted from 3 points. Less grain loss in sieve casing.



Large capacity grain tank enables long working hours with minimum interruption



Better quality brush used for Radiator cleaning with belts operated brush.



EN-42 sheet used for long life of auger casing



Feeder chamber length increased. Single sheet bending



Adjustable steering



Heavy duty hydraulic cylinder Used (75mm.)



High capacity hydraulic pump used (26L).



Single sheet used for Chassis design. Wide windows in chassis for easy maintenance



Heavy duty and newly designed rear axle



Stainless steel sheet used for long life of parts which are subjected to more wearing like elevators. Used UCF bearing is widely appreciated for durability and long serviceability



Comfortable and cushioned adjustable driver seat.



Easily operated instrument panel and levers



Engine ladder new design



Height increased for unloading. High discharging speed with Hydraulic Power



German Quality paint



Single lever for shift gears



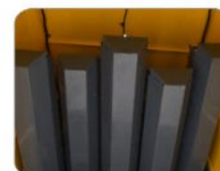
Higher ground clearance



Heavy duty sieve box bracket



Heavy duty front & rear ladders.



Single sheet straw walker



Resting platform on rear ladder.



Elevator height increased for better Cleaning.



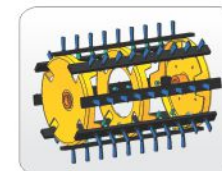
Gas spring used for opening of shields.



Blower dia increased for better cleaning Newly designed blower covers



Newly designed shields covering rotating Parts with extra safety.



Newly designed thrasher and guide drum for more threshing capacity.

A. ENGINE

Power	101 HP @ 2200 RPM
No. of Cylinders	Six
Air Cleaner	Combination of Dry and Wet Type
Cooling System	Water Cooled

B. CLUTCH

Type of Clutch	Single, Heavy Duty Dry Clutch
Dia	330 mm

C. 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
4rd Gear	15.9	25.5
Reverse	5.3	8.4

D. CUTTER BAR MECHANISM (For Wheat, Paddy & Others)

Cutter Bar Width	4345 mm (14.25 Feet)
Cutting Height	65-1275 mm
No. of Blades	58.5
No. of Guards	29
Stroke	85 mm
Reel Speed	20-55 rpm
Reel Dia	915 mm
Feeder Housing	Chain Type Feed Rack

FOR MAIZE & SUNFLOWER

No. of Rows	5 / 6 / 7
Spacing of Rows	18" / 24" / 30"

E. THRESHING MECHANISM

E1. Thresher Drum	Wheat (Rasp Bar)	Paddy (Peg Tooth)
Width (mm)	1250	1250
Diameter of Thresher Drum (mm)	605	605
Speed (rpm)	540-1200	
Speed Adjustment	By means of Mechanical Variator	

E2. CONCAVE

Clearance Adjustment	Mechanical
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E3. Cleaning Sieves

Upper Sieve Area	2.42 m ²
Lower Sieve Ares	1.77 m ²

E4. STRAW WALKER

No. of Straw Walker	5
No. of Steps	5
Length (mm)	3815
Width (mm)	235

F. CAPACITIES

Grain Tank	2.65 m ³
Fuel Tank	365 ltr.

G. ELECTRICAL SYSTEM

No. of Batteries	2
Capacity and Rating of each	12V, 100 Ah

H. TYRE

Front	18.4 x 30	14 Pr
Rear	9.00 x 16	16 Pr

I. MAIN DIMENSION	In Working	In Transport
Length	8850 mm	12730 mm
Width	3130 mm	3130 mm
Height	4800 mm	3880 mm
Ground Clearance	370 mm	
Total Weight	10650 Kg. Approx.	