

TECHNICAL SPECIFICATIONS



ENGINE

Power:133 Hp  
Number Of Cylinders: Six  
Air Cleaner : Combination Of Dry And Wet  
Cooling System: Liquid Cooled

TRANSMISSION

Number Of Gears: 4 Forward, 1 Reverse  
Gear Speed [km/hr] @1700 Rpm : 5 Speed  
Forward      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

CLUTCH & BRAKES

Type Of Clutch: Single, Heavy Duty Dry Clutch  
Diameter Of Clutch: 330 Mm  
Brakes: Dry Friction  
Type Of Brakes : Disc

CUTTER BAR MECHANISM

Width Of Cutter Bar: 4.3 M [14 Feet]  
Cutting Height mm: 65-1275  
Number Of Blades: 58  
Number Of Guards: 29  
Stroke: 85  
Reel Speed : 20-55 Rpm  
Reel Diameter mm: 925  
Feeding Chamber: Chain Type Feed Rack  
Number Of Rows For Maize: 5/6/7  
Rows Center mm : 762/609/457

THRESHING MECHANISM

Thresher Drum mm: 1250  
Width mm: 605  
Speed [RPM]: 540-1200  
Speed Adjustment: Mechanical Variator  
Number Of Spikes For Paddy:  
Number Of Rasp Bars For Wheat:

ELECTRICAL SYSTEM

Number Of Batteries: 2  
Capacity Of Each Battery: 12 V  
Rating Of Each Battery: 100 Ah  
Electrical Voltage: 24 V

CLEANING SIEVES

Upper Sieve Area [m²]: 2.42  
Lower Sieve Area [m²]: 1.77

CONCAVE

Wheat mm: Front 17, Rear6-10  
Paddy mm: Front 17, Rear 17  
Maize mm: Front 19, Rear 19  
Adjustment: Mechanical

STRAW WALKERS

Number Of Straw Walkers: 5  
Number Of Steps: 5  
Length [mm]: 3770  
Width [mm]: 235  
Crank Shaft Bearing: UCF207

CAPACITY

Grain Tank [m ] : 2.9  
Fuel Tank: 355 Ltr  
Hydraulic Tank: 20 Ltr  
D.E.F. Tank: 25 Ltr  
Coolant: 20 Ltr

TYRES

Front: 18x4x30  
Rear & Header Trailer 9x00x16  
Rear Axle 4wd: 11x2x24

DIMENSIONS (APPROX)

In Field  
Length [mm] : 9175  
Width [mm] : 3850  
Height [mm] : 3850  
Ground Clearance [mm] : 370  
Transportation  
Length [mm]: 11550  
Width [mm] : 3035  
Height [mm] : 3850  
Total Weight [Kgs]: 9450 Approx.

SANT Continually Develops Its Products To Meet Customer's Requirements,  
So All Products Are Subjects To Change Without Notice. All Descriptions And  
Specifications In This Brochure Should Be Considered Approximate And May  
Include Optional Equipment That Is Not Part Of The Standard Specifications.



MULTI CROP



Wheat



Paddy



Maize



Sun Flower



Mustard



Soyabean





# 5400

For The Perfect Harvest

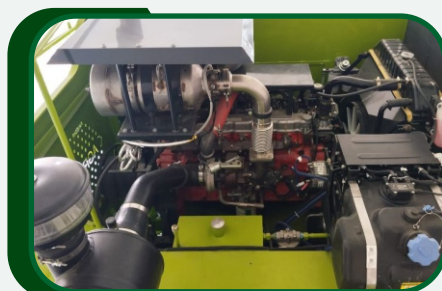
## Controls At Your Fingertips



### Value For You

- . Single Lever Gear Transmission
- . Digital MID For Engine's Information.
- . Cruise Control

## Powerful Engine



### Value For You

- . 6 Cylinder Engine & 4 Cylinder
- . Turbo Charged .
- . As Per Latest Government Norms

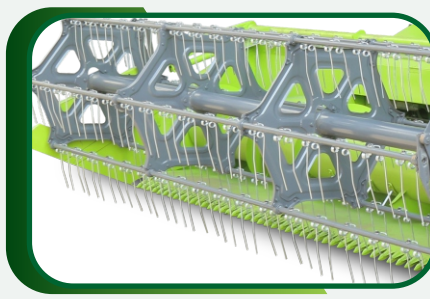
## Hydraulic Grain Discharge Auger



### Value For You

- . 2x Faster Unloading Of Grain
- . Suitable For Fields With Obstacles.
- . Ease Of Operations For The Driver.

## 6 Bat Reel



### Value For You

- . The 6-bat Reel Ensures Even Loading
- . Improves Feeding To The Cutter Bar, Minimizing Header Losses.
- . Suitable For Heavy And Long Height Crops.

## Self Cleaning Radiator



### Value For You

- . The Rotary Screen Protects The Radiator From Being Choked
- . Enhances The Engine Life.
- . Ensures Safety Of The Operator.

## Wind Screen



### Value For You

- . Keeps Away Dust While Operations In Fields
- . Safety On The Road.
- . First In segment wind screen.

## 4- Wheel Drive



### Value For You

- . Suitable In Wet Fields
- . High Traction.
- . Single Lever Engagemnet .



1 High Quality Canopy With Light.

2 Ergonomic And Intelligent Control Panel.

3 Harvester Tracking System.

4 Heavy Duty Cutter Bar With 15 Feet Width.

5 Double Threshing Unit With Straw Walkers.\*

6 Fully Covered Grain Tank.

7 Quick Hydraulic Unloading System.

8 Powerful Ashok Leyland Engine.

9 Heavy Duty Insulated Protective Bars For Safe And Smooth Transport On Road.

10 MRF/BKT Tires For All Types Of Fields.

\* Optional Feature