

43 Years of  
Trust



# PAWAN™

## AGRICULTURAL DRONE



**KHET O KI JAAN...  
KISHAN O KI SHAAN...**

Adhunik takniko se bani "Pawan Agricultural Drone" jo ki jyada se jyada zameen par pesticide chirak kar kishano ki kam kare aadha aur fasal ko rakhe surakshit jyada.

Isliye, aaj hi dijiye apni khet o ki fasal ko ek nayi jivan. Prayog kijiye khet o ki jaan... kishan o ki shaan... apna "Pawan".



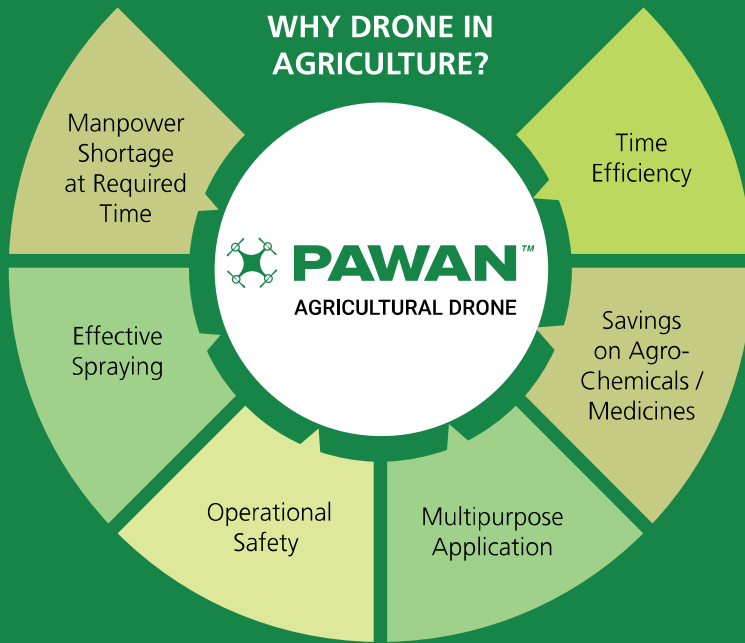
# PAWAN™

## AGRICULTURAL DRONE

For distributorship or interested person may contact us :

**+91 80695 43300**

## WHY DRONE IN AGRICULTURE?



## HOW ARE WE DIFFERENT

- Best in class Endurance of Max. 21 minutes
- Larger tank capacity of 17 litres
- Enhanced stability
- Autonomous spraying capability
- Unique Motorized spraying system
- Longest range of 1 Km.
- IP 65 Complied
- Aerospace grade material for main frame
- Best in class rigidity & structural stability

## APPLICATIONS

### Agricultural Fields

Pesticides, Fertilizers & Argo-Chemical Liquid spraying in various crops

### Trees & Gardens

Pesticides, Fertilizers & Argo-Chemical Liquid spraying in trees such as Mango, Tea Garden etc.

### Pest Control

Pesticide Spraying in inaccessible areas such as Larvicide spraying for mosquito control

## COMPANY SUPPORT – AFTER PURCHASE

- Hands On Training
- On Field Flying Assistance for Two Days
- Training on Pre flight - Post flight inspection & Maintenance
- On call support to address any operational & technical issues
- Dedicated helpdesk to address queries
- Quarterly free health checkup of the drone within warranty period
- Free service support within warranty period
- Free Insurance coverage for first year

## ADVANTAGES

Parameter (Per Acre)	Manual / Battery Sprayer	Spraying with PAWAN
Water Requirement	150 - 200 Liters	10 - 20 Liters
Time Requirement	4 - 5 Hours	4 Minutes
Spraying Capability	1-2 Acre / day	Spraying capacity upto 15 Acre / Hour & Uniform Spraying
Saving	No Saving	Water upto 90%. Pesticides / Fertilizer upto 50% Time upto 95%

43 Years of Trust



**KHET O KI JAAN...  
KISHAN O KI SHAAN...**

**APNA**



**PAWAN™**

**AGRICULTURAL DRONE**



Longest spraying area up to 5 acre on a single go



Water saving up to 90%



Continuous spray of 100+ acre per day



Pesticide/ Fertiliser saving up to 90%



Effective and uniform spraying with a coverage of 1 acre in just 4 minutes.



Capable of spraying in any field, gardens & Trees



Endurance - 21 mins.



Tank capacity - 17 ltrs.

For distributorship or interested person may contact us :

**+91 80695 43300**

**KEY FEATURES**
**Easy and safe operation**

- The controls are simple and User friendly
- Autonomous flight mode for ease of operation
- Autonomous Return to Home on low battery

**Longest flight time in its class**

- DGCA certified flight time of Maximum 21 Minutes on a single go.
- Up to 5 Acres of spraying in a single charge
- Uninterrupted spraying up to 3 flying hours

**Advanced Spraying Technology**

- Uniform spraying with advanced atomizer nozzles
- Reduced Droplet size as small as 85 µm
- Saves water & Pesticides up to 90%

**Smart Features**

- Android Operating System
- Autonomous Spraying with higher accuracy
- Equipped with Return to home & Automated landing feature

**PRODUCT SPECIFICATIONS**
**AIRCRAFT**

Weight Without Payload	21.75 Kgs
Maximum All Up Weight	38.745 Kgs
Dimensions	2426 x 2426 x 619 mm
Maximum Operating Speed	10 m/s
Maximum Service Ceiling	8000 Ft. AMSL
Endurance	21 Minutes
Range	1 Km in all direction from take-off position
Operating Temperature	-10° to 50° C
Satellite Positioning System	Single GPS
Time of Operation	Day Operations (VLOS)
Maximum Permitted Height	60 mtrs (196.86 ft) AGL

**PAY LOAD**

Tank Capacity	17 Ltrs.
Nozzle	Centrifugal Atomizer Nozzles
Water Pump	BLDC

**BATTERY**

No. of Battery	2 Nos
Maximum Battery Temp	55°C
Capacity of Each Battery	22.2V / 22Ah
Power Rating	488.4Wh

**CHARGER**

Input	220V AC / 50Hz
Rating	1080W
Feature	Dual Battery Charging
Modes	Fast, Balanced Charging & Storage
Charging Type	Master-Slave & Individual Charging

**TECHNICAL SPECIFICATIONS**
**FLIGHT PERFORMANCE**

Maximum Wing Resistance	Level 3 / 28kmph
Max Velocity	10m/s
Max Range	1 Km
Max Height	60 m (196.86 ft) AGL
Endurance	21 Minutes

**FUNCTIONS**

Three flying modes : Manual – Autonomous – Return to Home
Go Home & Auto Landing
Path Planning Feature
Intelligent orientation control
Home and course locking
On board Camera
Variable Flow Spraying System

**SYSTEM PERFORMANCE**

Assistant Software System	Android Mobile
Max payload	17 Kg
Vertical Stability	± 0.5m
Horizontal Accuracy	± 0.5m
Operating Temperature	-10°C to +50°C
Protection	IP 65



A quality product of


**EVANA ELECTRICALS PRIVATE LIMITED**

 Sugandha More, Delhi Road, NH2 Bypass, Hooghly  
 West Bengal, Pin - 712102, India

**T +91 033 4004 9900**
**[www.evanaelectricals.net](http://www.evanaelectricals.net)**

 Technology Partner  
**Eduquis Technologies**  
 Pvt. Ltd.
