



**NEW**  
European standard

# Turbo Fan FOG Machine TBF 45S

Long Ranged Turbo Fan fog Machine



**TBF** The first brand  
**IN THAILAND**

- The design prioritized safety with two extra layers of excellent waterproof stainless steel
- The display is equipped with the Touch Screen coming at the high resolution.
- Electronic Part Brand Schneider & PLC Siemens

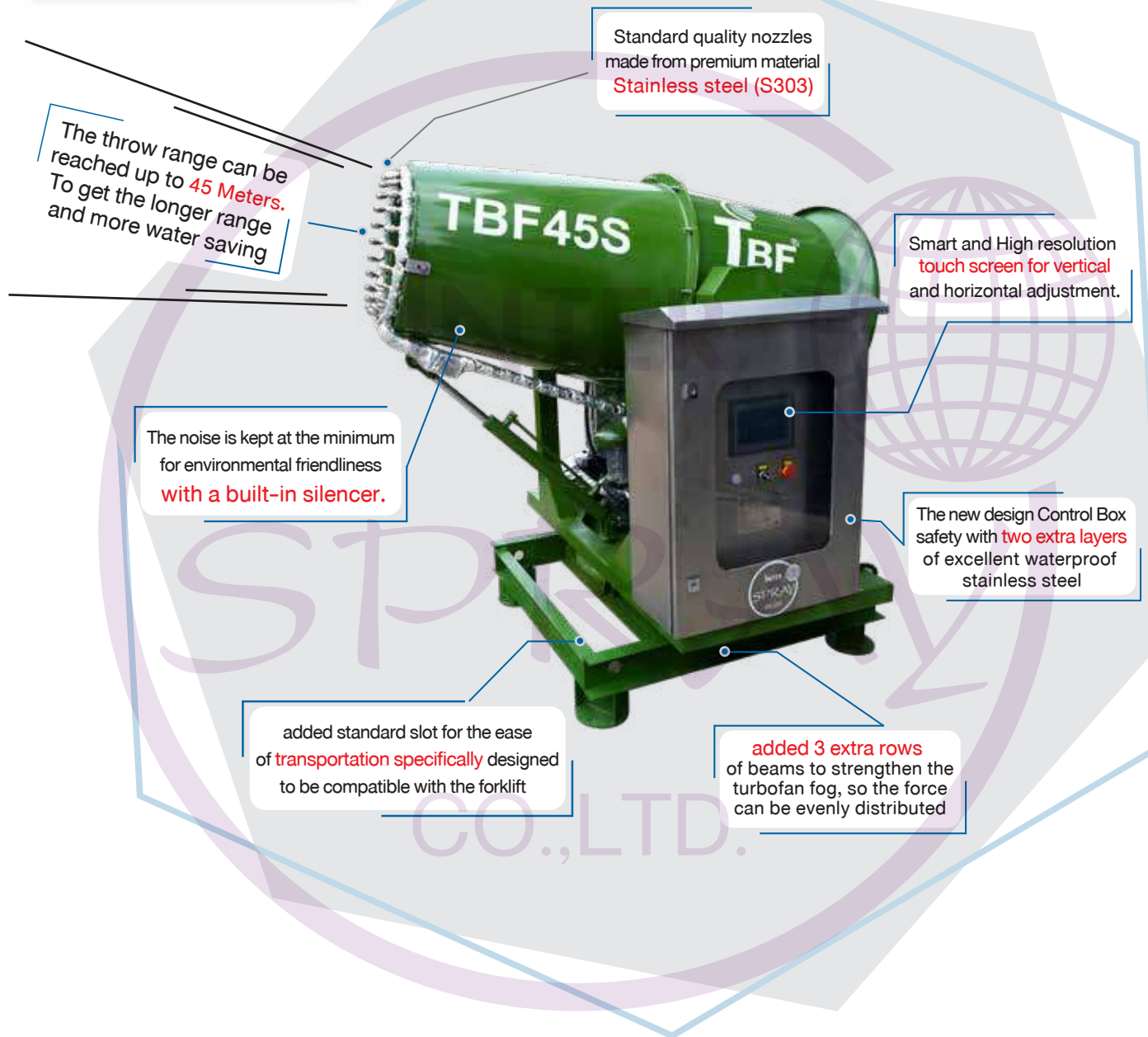


**BEST SELLER 1**  
**ขายดีอันดับ 1**

# Long Ranged Turbo Fan fog Machine "Turbo Fan Fog Machine"



**BEST SELLER**  
**ขายดีอันดับ 1**



**The first Thai Owned brand under the name  
Turbo Fan Fog machine.**

**Highly efficient for reducing PM**

## Exceeds the limits of wireless control with the Control Box

- The design prioritized safety with two extra layers of excellent waterproof stainless steel
- The display is equipped with the state-of-the-art Smart Touch Screen coming at the high resolution. The display supported both vertical and horizontal movement.
- Electronic Part Brand Schneider & PLC Siemens



## Function



- The operating system can be controlled with ease with remote control within one hundred meters
- The movement of the body is control by the hydraulic system to prolong usage of the turbofan fog
- There is a huge stainless steel pipe for water to flow into the ring set to avoid water drop. There is also an extra layer of heat tech insulator to keep the water warm which can aid the rate of water evaporation.
- The turbofan fog machine equipped with a multistage water pump. The spare parts can be easily replaced if necessary. The parts are very durable.



## Flexible Jet nozzle Head “AMBRs” (Less clogging design)

Three options are depending on the usage

- Standard Stainless-Steel Nozzle Set, Optimal for every dust-related issue. The ring set consists of Ring Jet nozzle Set AMB80RS
- Stainless Steel optimized for heavy dust area, required a huge amount of water to rapidly increase humidity to increase the effectiveness of dust suppression utilizing Ring Jet nozzle Set AMB100RS
- Non-Wetted stainless steel set equipped with Ring Jet nozzle Set AMB25RS To save water at the highest level Will not wet the products, best for warehouse containing ingredients as well as food.



# Strong Base to safety bears the weight of the “TBF45S”

- added 3 extra rows of beams to strengthen the turbofan fog, so the force can be evenly distributed
- extra thick beams for strength
- added a rotating shaft to share the burden of withstanding the vibration from the wind at higher altitude
- added standard slot for the ease of transportation specifically designed to be compatible with the forklift



## “Active Safety” system



- Motorized Valve is a system to protect water dripping when the turbofan fog machine is turned off. The system was put in place to ensure water draining so there is no leftover water in the system
- Detect water system was put in place to ensure there will be no lack of water. The system will automatically detect and notify when the water level is below the acceptable level. The system will be shut to prevent any potential damage. Strong Base to safety bears the weight of the “TBF45S”

**TBF 45S**

reducing  
**PM.**



# APPLICATION



## A) INDUSTRY DUST SUPPRESSION

1. Mining
2. Conveyor belt blanking
3. Power plant / Coal storage yard
4. Slag disposal dust
5. Crushing dust
6. Cement plant



## B) ENVIRONMENT

1. Cooling Humidifying
2. Dust control at construction site



## SPECIFICATION TBF 45S

Specification	TBF-45S without Silencer
Max Throw (M)* no wind* ระยะการสเปรย์	45
Coverage Area (M2) no wind* ครอบคลุมพื้นที่	5500
Total Power (Kw)	11.43
Power Supply	3 - Phase, 380V / 50Hz
Flow rate (LPM) ปริมาณน้ำที่ใช้	50
Water Pressure (Bar)	5
Control Method	Manual/Auto Control
Turning angle ทิศทางการหมุนพัดลม	320° องศา
Dimensions (M) (W x L x H)	1.47 x 1.50 x 1.70
Net Weight (kg) น้ำหนัก	600
Other	Control Cabinet : Stainless steel
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\* TBF 45s (PLC : Siemens / EE.Part : Schneider )

# OPTIONS



\* GENERATOR  
For further TBF 45S's generator information,  
Please contact to sales team

# REFERENCE





## Resolve DUST problems by Turbo Fan **FOG** Machine



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