BOSSTEK

The small-scale DustBoss® DB-30 is paired with a genset and mounted on a roadworthy trailer to create the DB-30 Fusion®, perfect for smaller job sites lacking a convenient power source.

# DB-30 FUSION®

dust BOSS

# STANDARD FEATURES




## MISTING SYSTEM

THE DUSTBOSS® DB-30 FUSION® USES ATOMIZED MIST TO TRAP AIRBORNE PARTICLES AND BRING THEM TO THE GROUND. PRODUCING DROPLETS IN THE IDEAL 50 - 200 MICRON RANGE, DUSTBOSS MIST CANNONS AVOID THE SLIPSTREAM EFFECT TO PROVIDE EFFECTIVE DUST SUPPRESSION.

THE FUSION LINE OF DUSTBOSS SYSTEMS ARE ENGINEERED TO ERASE THE NEED FOR AN EXTERNAL POWER SOURCE USING THE TRAILER-MOUNTED GEN SET! WITH EASY POSITIONING POSSIBLE THROUGH THE TRAILER MOUNT AND ONLY REQUIRING AN EXTERNAL WATER SOURCE FOR OPERATION, THE DUSTBOSS DB-30 FUSION PROVIDES POWERFUL DUST CONTROL.



# DB-30 FUSION®

*SPECIFICATIONS*

## GENERAL SPECIFICATIONS

- Throw: 100 feet (30 meters).
- Fan: 9,200 CFM (260.50 CMM) with 7.5 HP fan.
- Optional single-phase motor: 8,000 CFM (266.50 CMM).
- Standard 180° oscillation coverage: 15,700 square feet (1,415 square meters).
- Adjustable throw angle: 0° - 50° pitch.
- Nozzles: 30 brass (also available in stainless and nylon).
- Droplet size: 50 - 200 microns.
- Premium efficiency direct-drive motor.

## NOISE

- Between 89 and 108 decibels at 0 feet.

## WATER REQUIREMENTS

- Recommended water pressure: 40-90 PSI (2.75 – 6.21 BAR).
- Maximum water pressure: 100 PSI (6.89 BAR).
- Connection: 5/8" (15.80 mm) garden hose.
- In-line 75-mesh (200-micron) filter system (included) should be used at all times.
- Contact us for recommendations if using non-potable water.

## ELECTRICAL SPECIFICATIONS

- U.S.: 3 phase / 7.5 HP fan / 480 volt / 60 hertz.
- Amp Load Capacity: 45 amps.
- Generator: Kohler Model SK-30 gen set with tier 4, 1.8L diesel engine at 1800 RPM.
- Power: 30 kW (37 kVA). Standby: 27 kW (34 kVA) prime.
- Fuel capacity: 50 gallons (~12 hours of runtime).
- Oscillator: 1/8 HP (0.10 kW).
- Bare wired electrical cord (no male plug).
- NEMA 3R control panel enclosure.

## DIMENSIONS

- 8.50 feet (102.00 inches or 2.59 meters) wide.
- 19.83 feet (237.96 inches or 6.04 meters) long.
- 7.33 feet (87.96 inches or 2.23 meters) tall.

## MAINTENANCE

- For potable water, inspect nozzles once a year.
- Grease fan motor every 10,000 hours.
- Grease turntable bearing on a regular maintenance schedule or as needed.

## OPTIONS

- Non-potable water filter solutions.
- Variable frequency drive (VFD) for adjustable fan throw distance.
- Quick release manifold for easy manifold and nozzle removal.
- Injektor™ dosing system available for chemical and additive dispersion.

## WARRANTY

**CANNON: 3 YEAR / 3,000 HOUR**

**GENSET: 2 YEAR / 2,000 HOUR**

| ENGLISH UNITS | | | | | |
|---|---|---|---|---|---|
| Supplied Water Pressure, PSI | 25 | 40 | 60 | 80 | 100 |
| Water Flow, GPM | 4.9 | 6.26 | 7.6 | 8.7 | 9.8 |
| **METRIC UNITS** | | | | | |
| Supplied Water Pressure, BAR | 1.72 | 2.76 | 4.14 | 5.5 | 6.89 |
| Water Flow, LPM | 18.5 | 23.7 | 28.8 | 32.9 | 37.1 |
| | | | | | 5/8" Garden Hose Water Supply |

TELEMET
Efficiency Through Simplicity™

# Advice, spare parts and service

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