BOSSTEK

The DB-60 is paired with a genset and placed on a roadworthy trailer to form the DustBoss® DB-60 Fusion®, ideal for positioning anywhere on job sites and providing versatile, self-powered dust control.

DB-60 FUSION®

STANDARD FEATURES



MISTING SYSTEM

THE DUSTBOSS® DB-60 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-60 FUSION PROVIDES POWERFUL DUST CONTROL.



DB-60 FUSION®

SPECIFICATIONS

GENERAL SPECIFICATIONS

- Throw: 200 feet (60 meters).
- Fan: 30,000 CFM (849.50 CMM) with 25 HP fan.
- Standard 180° oscillation coverage: 62,800 square feet (5,834 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.
- Hoses, couplings, and relevant tools provided.
- Standard hitch: Pintle (others available).
- Touch screen controls.
- WYE-Delta.

WATER REQUIREMENTS

- Recommended water pressure: 40 - 90 PSI (2.75 - 6.21 BAR) with the booster pump.
- Maximum water pressure: 100 PSI (6.89 BAR) with the booster pump.
- Maximum water pressure delivered by booster pump: 250 PSI (17.24 BAR).
- Connection: 1-1/2" (38.10 mm) cam-and-groove quick disconnect for fire hose.
- In-line 30-mesh (595-micron) filter system (included) should be used at all times.
- Standard configuration includes booster pump.

ELECTRICAL SPECIFICATIONS

- U.S.: 3 phase / 25 HP fan / 480 volt / 60 hertz.
- Amp Load Capacity: 75 amps.
- Generator: Kohler Model SK-45 gen set with tier 4, 3.4L diesel engine at 1800 RPM.
- Power: 50 kW (62.5 kVA). Standby: 45 kW (56.3 kVA) prime.
- Fuel capacity: 100 gallons (~48 hours of runtime).
- NEMA 3R control panel enclosure.

DIMENSIONS

- 6.67 feet (80.04 inches or 2.03 meters) wide.
- 21.08 feet (252.96 inches or 6.43 meters) long.
- 8.58 feet (102.96 inches or 2.62 meters) tall.
- 6,550 lbs. (2,971.03 kilograms).

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.

NOISE

- Between 90 and 105 decibels at 0 feet.

OPTIONS

- Non-potable water filter solutions.
- Variable frequency drive (VFD) for adjustable fan throw distance.
- Quick release manifold for easy manifold and nozzle removal.
- Pump with lift available.

WARRANTY

CANNON: 3 YEAR / 3,000 HOUR

GENSET: 2 YEAR / 2,000 HOUR

ENGLISH UNITS				
Supplied Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	22.2	23.9	25.4	26.7
Water Flow, no Booster Pump, gpm	12.0	14.6	16.9	18.9
METRIC UNITS				
Supplied Water Pressure, bar	2.8	4.14	5.5	6.89
Water Flow with Booster pump, lpm	84.0	90.5	96.1	101.1
Water Flow, no Booster pump, lpm	45.4	55.3	64.0	71.5
				1½" Fire Hose Water Supply

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

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