

DB-60 Fusion SPECS



The DustBoss 60 (DB-60) is packaged with a genset and placed on a trailer, ideal for job sites lacking a convenient power source. The versatile DB-60 can cover up to 62,800 square feet (5,834 square meters) while mounted on this trailer. The accompanying genset with John Deere diesel engine allows for 24 hours of runtime without refueling.

WHEN IT COMES TO DUST,
WE'VE GOT YOU COVERED.



DustControlTechnology®

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DB-60 SPECIFICATIONS

- Throw of as much as 200 feet (60 meters).
- 30,000 CFM (849.50 CMM) generated by 25 HP fan.
- Up to 62,800 square feet (5,834 square meters) coverage.
- 30 nozzles dispense droplet size of 50–200 microns.
- 2 5/16" ball hitch
- Adjustable angle of throw 0° to 50° of height adjustment.
- Premium efficiency direct-drive motor.
- High energy-use to dust suppression ratio.
- 0–180° user defined oscillation. Setting altered via touch screen controls.
- Soft start.

ELECTRICAL SPECIFICATIONS

- Genset: 45 Kw Genset with John Deere diesel Tier III Flex engine
- 100 gallon fuel tank (24 hours runtime)
- U.S.: 3 Phase / 25 HP fan / 480 Volt / 60 Hertz. Full load current is 46 amps.
- NEMA 3R cabinet with control panel on DB-60.

WATER REQUIREMENTS

- 10PSI (0.69 BAR) constant pressure must be delivered to booster pump.
- Maximum inlet water pressure should not exceed 100 PSI (6.89 BAR) when operating the booster pump.
- Maximum PSI when using booster pump is 250 PSI (17.24 BAR).
- In-line 30 mesh 595 micron filter system is included and should be used at all times.
- Contact us for recommendations if using non-potable water.
- 1-1/2" (38.10 mm) cam-and-groove quick disconnect female coupling for fire hose provided on machine.

| 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 | 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 | 90.5 | 96.1 | 101.1 |
| Water Flow, no Booster Pump, lpm | 45.4 | 55.3 | 64 | 71.5 |
| 1-1/2" FIRE HOSE WATER SUPPLY | | | | |

OVERALL DIMENSIONS

- 6.67 feet (80 inches; or 2.03 meters) wide.
- 21.08 feet (253 inches; or 6.43 meters) long.
- 8.58 feet (103 inches; or 2.62 meters) tall.
- 6,550 lbs. (2,971 kilograms).

WARRANTY

- DB-60: 3-year/3,000-hour warranty.
- Genset: 2-year/2,000-hour warranty.

NOISE (in decibels)

| GENSET ONLY | 0 feet | 12 feet |
|-------------------------------------|--------|---------|
| Genset panel side (DB-60 jack side) | 91 | 81.9 |
| Fan discharge side | 82.6 | 75.1 |
| DB-60 panel side | 92 | 81.7 |
| Truck side | 102.5 | 82.7 |
| GENSET, FAN, WATER (NO BOOSTER) | 0 feet | 12 feet |
| Genset panel side (DB-60 jack side) | 99.7 | 88.7 |
| Fan discharge side | 100 | 89.8 |
| DB-60 panel side | 94.4 | 86.8 |
| Truck side | 102.8 | 85.9 |
| GENSET, FAN, WATER (WITH BOOSTER) | 0 feet | 12 feet |
| Genset panel side (DB-60 jack side) | 99.1 | 87.2 |
| Fan discharge side | 100.3 | 89.6 |
| DB-60 panel side | 96.3 | 86.6 |
| Truck side | 104.3 | 85.4 |

PERFORMANCE ADDITIVES

- Full line of DustBoss surfactants, tackifying agents, or odor control agents can be used with optional dosing pump.

DUSTBOSS MAINTENANCE

- If using potable water, nozzles need to be inspected once a year.
- Fan motor and high pressure pump should be greased every 10,000 hours.
- Turntable bearing should be greased on a regular maintenance schedule, or as needed.

OPTIONS

- Dosing pump can be added to unit for chemical applications.

Revision Date: 08/2015

TRIED. TRUE. GUARANTEED.

