



DUST BOSS DB-30

The most compact unit in the DustBoss® family of high performance suppression equipment, the DB-30 capably delivers coverage over more than 5,500 square feet (511 m²) with its fine dust trapping mist.

The unit may also be equipped with optional user-definable oscillation (up to 359°), increasing its coverage to more than 31,000 square feet (2,880 m²).

GENERAL SPECS

- Throw: 100 feet (30 meters).
- Fan: 9,200 CFM (260.50 CMM) generated by 7.5 HP fan. Optional single-phase motor: 8,000 CFM (226.50 CMM).
- Coverage with standard 0°–70° oscillation: 5,500 square feet (511 square meters).
- Coverage with optional 359° user-definable oscillation: 31,000 square feet (2,880 square meters).
- Adjustable throw angle: 0°-50°.
- Nozzles: 30, brass (also available in stainless and nylon).
- Droplet size: 50–200 microns.
- Premium efficiency direct-drive motor.

WATER REQUIREMENTS

- Do not operate above 100 PSI (6.89 BAR); water pressure or unit may be damaged.
- In-line 75-mesh (200-micron) filter system (included) should be used at all times.
- Contact us for recommendations for using non-portable water.
- Connection: 5/8" (15.80 mm) garden hose.



Technical Data					
Water Pressure, psi	25	40	60	80	100
Water Flow with Booster Pump, gpm	1.4	1.8	2.2	2.5	2.8
Recommended Gen Set Power	3 Phase 480V 60Hz 11A 30 Kw				
Noise	89 -108 decibels at 0 feet.				
Dimensions (W x L x H)	1.60 x 2.60 x 1.60 m				
Weight	363 Kg				



DUST BOSS DB-45

The DB-45 is a mid-sized unit that delivers outstanding control of airborne particles and surface dust. Developed in direct response to market feedback, the portable DB-45 is best suited to indoor and outdoor recycling areas, waste processing, rock and aggregate crushing, bulk material handling and other dust generating operations in confined or covered areas.

GENERAL SPECS

- Throw: 150 feet (45 meters).
- Fan: 18,000 CFM (510 CMM) generated by 15 HP fan.
- Coverage with standard 0°–40° oscillation: 12,000 square feet (1,115 square meters).
- Coverage with optional 359° user-definable oscillation: 74,000 square feet (6,875 square meters).
- Adjustable throw angle: 0°-50°.
- Nozzles: 18, brass (also available in stainless and nylon).
- Droplet size: of 50–200 microns.
- Premium efficiency direct drive motor.

WATER REQUIREMENTS

- 80+ PSI (5.52 BAR) for optimal performance.
- 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.
- Connection: 1-1/2" (38.10 mm) cam-and groove quick disconnect female coupling for fire hose provided on machine.

Technical Data							
Water Pressure, psi	40	60	80	100	160	180	200
Water Flow with Booster Pump, gpm	7.2	8.8	10.3	11.3	14.3	15.2	16
Recommended Gen Set Power	3 Phase 480V 60Hz 21A 30 Kw						
Noise	84 -94 decibels at 0 feet.						
Dimensions (W x L x H)	1.93 x 1.79 x 2.11 m						
Weight	816.50 Kg						



DUST BOSS DB-60

The DB-60 is capable of covering more than 125,000 square feet (11,613 square meters) with its powerful dust-trapping mist when equipped with optional user-definable oscillation (up to 359°). The DB-60 is also available as a tower-mounted unit for applications requiring dust capture from above.

GENERAL SPECS

- Throw: 200 feet (60 meters).
- Fan: 30,000 CFM (849.50 CMM) generated by 25 HP fan.
- Coverage with standard 0°–40° oscillation: 21,000 square feet (1,950 m²).
- Coverage with optional 359° user-definable oscillation: 125,000 square feet (11,613 m²).
- Adjustable throw angle: 0°-50°.
- Nozzles: 30, brass (also available in stainless and nylon).
- Droplet size: of 50–200 microns.
- Premium efficiency direct-drive motor.

WATER REQUIREMENTS

- 10 PSI (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 delivered by 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.
- Connection: 1-1/2" (38.10 mm) cam-and groove quick disconnect female coupling for fire hose provided on machine.

Technical Data				
Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	22.2	23.9	25.4	26.7
Water Flow with out Booster Pump, gpm	12	14.6	16.9	18.9
Recommended Gen Set Power	3 Phase 480V 60Hz 46A 60 Kw			
Noise	86 -100 decibels at 0 feet.			
Dimensions (W x L x H)	2.06 x 2.97 x 2.19 m			
Weight	816.50 Kg			



DUST BOSS DB-100

Engineered to fight dust on the largest and toughest of work sites, the DB-100 is the biggest Dust Boss ever designed. With its muscular 60 HP motor and user-definable 359° oscillation, the DB-100 has a throw of more than 100 meters, giving the machine an incredible coverage area of 280,000 square feet (31,000 square meters).

GENERAL SPECS

- Throw: 328 feet (100 meters).
- Coverage: 280,000 square feet (31,000 m²) coverage.
- Custom user-definable oscillation up to 359° includes integrated turntable bearing that enables user to manually override oscillator and quickly reposition fan barrel.
- Adjustable throw angle: 0° to 50°.
- Nozzles: 30 brass (also available in stainless and nylon)
- Droplet size: 50–200 microns.
- Premium efficiency direct-drive motor.

WATER REQUIREMENTS

- 10 PSI (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 delivered by 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.
- Connection: 1-1/2" (38.10 mm) cam-and groove quick disconnect female coupling for fire hose provided on machine.



Technical Data				
Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	37.2	37.5	38.1	39
Water Flow with out Booster Pump, gpm	17.7	21.9	25.5	28.2
Recommended Gen Set Power	3 Phase 480V 60Hz 91A 150 Kw			
Dimensions (W x L x H)	1.73 x 2.99 x 2.36 m			
Weight	1451.50 Kg			



DUST BOSS DB-M

For small areas with serious dust issues, the DB-M offers the aggressive dust-fighting abilities of a cannon without the turbulence of a fan. The head is mounted on a boom available in different heights. The DB-M is a low-turbulence model designed for applications where a fan-driven model is undesirable. Suited to applications involving very fine dust particles, such as slag dust or fly ash, the DB-M generates a cloud of atomized mist.

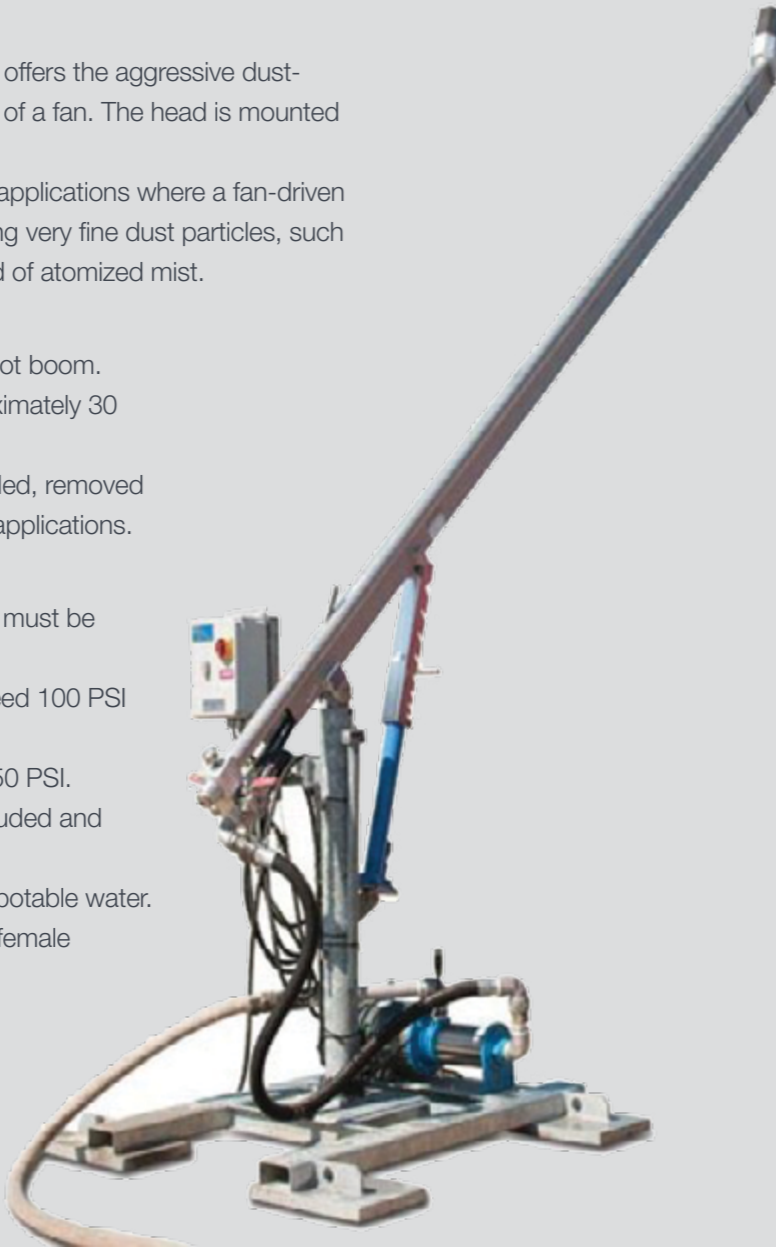
GENERAL SPECIFICATIONS

- Misting head with 9 nozzles mounted on 15-foot boom.
- Throw: Dependent on wind conditions. Approximately 30 feet (9.14 meters) on a quiet day.
- Variable configuration allows nozzles to be added, removed or replaced with different sizes to suit specific applications.

WATER REQUIREMENTS

- 80 PSI constant pressure and 10 gpm volume must be delivered to booster pump.
- Maximum inlet water pressure should not exceed 100 PSI when operating the booster pump.
- Maximum PSI delivered by booster pump is 250 PSI.
- 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.
- 38.10 mm cam-and-groove quick disconnect female coupling for fire hose provided on machine.

Technical Data				
Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	-	-	10.04	10.39
Water Flow with out Booster Pump, gpm	3.79	4.64	5.36	5.99
Recommended Gen Set Power	3 Phase 480V 60Hz 12A 25 Kw			



DUST BOSS DB-R

Introduced to address dust issues at conveyor discharge points, the DB-R creates a curtain around material flow for outstanding particle containment. Engineered for industrial strength, longevity, custom-fitted for your site, the DB-R surrounds the discharge flow on all sides, providing simple, focused dust management that's well suited to continuous duty, such as radial stackers.

GENERAL SPECIFICATIONS

- Stainless steel misting ring designed for mounting at the end of conveyor belts or around chutes or hoppers to aid in dust suppression at the discharge point.
- Variable configuration allows nozzles to be added, removed or replaced with different sizes to suit specific applications.
- Custom shapes and sizes available.

WATER REQUIREMENTS

- Water hose connects directly to NPT male threads on the ring. Hose may be supplied with the unit as an option.
- Droplet size of 50–200 microns.
- Filter is included:
 - > For 17": 75 mesh (200 micron)
 - > All other sizes: 30 mesh (595 micron)
- Contact us for recommendations for using non-portable water.

Technical Data			
SIZES	NOZZLE COUNT	WATER FLOW	THREAD
17"	30	2.34 gpm	3/4"
23.5"	18	9.52 gpm	1"
26"	30	15.86 gpm	1"
30"	30	15.86 gpm	1"
42"	30	15.86 gpm	1"
48"	30	15.86 gpm	1"
54"	30	15.86 gpm	1"
72"	38	20.09 gpm	1.5"
100"	82	43.35 gpm	1.5"



DUST BOSS DB-60 FUSION

The DB-60 is paired with a gen set and placed on a roadworthy trailer, ideal for job sites lacking a convenient power source. The versatile DB-60 Fusion can cover up to 62,800 square feet (5,834 square meters) from its trailer-mounted location. The accompanying gen set with John Deere diesel engine allows for 24 hours of runtime without refueling.

GENERAL SPECS

- Throw: 200 feet (60 meters).
- Fan: 30,000 CFM (849.50 CMM) generated by 25 HP fan.
- Coverage: 62,800 square feet (5,834 square meters).
- Droplet size: 50–200 microns (30 nozzles).
- Hoses, couplings, and relevant tools provided.
- Standard hitch: Pintle.
- Adjustable throw angle: 0°-50°.
- Premium efficiency direct-drive motor.
- 0-180° user defined oscillation.
- Touch screen controls.
- WYE-Delta.

WATER REQUIREMENTS

- Standard configuration includes booster pump for supplied pressure. Optional pump with lift available.
- Supply: Minimum 10 PSI constant pressure must be delivered to booster pump.
- Maximum inlet water pressure to booster pump: 100 PSI
- Maximum outlet pressure with booster pump: 250 PSI
- In-line 30 mesh 595 micron filter system should be used at all times.
- Contact us for recommendations if using non-portable water.
- Connection: 38.10 mm cam-and-groove quick disconnect female coupling for fire hose (included).



Technical Data				
Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	37.2	37.5	38.1	39
Water Flow with out Booster Pump, gpm	17.7	21.9	25.5	28.2
Power	45 kW Genset with John Deere diesel Tier III Flex engine.			
Noise	90 -105 decibels at 0 feet.			
Dimensions (W x L x H)	1.73 x 2.99 x 2.36 m			
Weight	1451.50 Kg			



DUST BOSS DB-100 FUSION

The DustBoss® 100 (DB-100) is paired with a genset and placed on a roadworthy trailer, ideal for job sites lacking a convenient power source. The versatile DB-100 can cover up to 140,000 square feet (15,500 square meters) from its trailer-mounted location. The accompanying genset with John Deere diesel engine delivers approximately 32 hours of runtime without refueling.

GENERAL SPECS

- Throw: 328 feet (100 meters).
- Coverage: 140,000 square feet (15,500 square meters).
- Droplet size: 50-200 microns (30 nozzles).
- Goose neck trailer: 2 5/16" ball hitch. Pintle options.
- Adjustable throw angle: 0°-50°.
- Premium efficiency direct-drive motor.
- 0–180° user defined oscillation.
- Touch screen controls.
- Soft start.
- Hoses, couplings, and relevant tools provided.

WATER REQUIREMENTS

- Standard configuration includes booster pump for supplied pressure. Optional pump with lift available.
- Supply: Minimum 10 PSI constant pressure must be delivered to booster pump.
- Maximum inlet water pressure to booster pump: 100 PSI
- Maximum outlet pressure with booster pump: 250 PSI
- In-line 30 mesh (595 micron) filter system (should be used at all times).
- Contact us for recommendations if using non-portable water.
- Connection: 38.10 mm cam-and-groove quick disconnect female coupling for fire hose (included).

Technical Data				
Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	37.2	37.5	38.1	39
Water Flow with out Booster Pump, gpm	17.7	21.9	25.5	28.2
Power	150 kW Genset with John Deere diesel Tier III Flex engine.			
Noise	90 -105 decibels at 0 feet.			
Dimensions (W x L x H)	2.52 x 8.48 x 2.78 m			
Weight	5,897 Kg			

