BOSSTEK

The DB-60 Surge® Fusion® pairs a DB-60 Surge and a genset to provide a high-powered water jet that cuts through the air with a throw of over 200 feet (60 meters), all from its own trailer-mounted power source.

DB-60 SURGE® FUSION®

dust BOSS

STANDARD FEATURES



CENTER NOZZLE

THE DUSTBOSS® DB-45 SURGE® FUSION® CENTER NOZZLE IS DESIGNED TO CUT THROUGH TOUGH WINDS AND REACH HIGH-POSITIONED DUST GENERATING JOBS. WITH 3 FLOW LEVELS USING THE CENTER NOZZLE AND SPRAY MANIFOLD, THE SURGE PROVIDES VERSATILITY TO DUST CONTROL.

DUSTBOSS EQUIPMENT IS BUILT TO WITHSTAND THE HARSHEST JOB SITES WITH OUR FIRST UNITS STILL ACTIVE MORE THAN 20 YEARS LATER! WE STAND BEHIND OUR QUALITY EQUIPMENT AND KNOW IT WILL LAST FOR YEARS TO COME. BACKING OUR BELIEF, WE OFFER A 3 YEAR, 3,000 HOUR WARRANTY FOR THE DUSTBOSS DB-45 SURGE FUSION CANNON.



DB-60 SURGE® FUSION®

SPECIFICATIONS

GENERAL SPECIFICATIONS

- Throw: 200 feet (60 meters).
- 3 stage flow level system to switch between center nozzle levels, misting ring or both.
- Standard 180° oscillation coverage: 62,832 square feet (5,837 square meters).
- Create custom oscillation ranges with local or remote controls.
- Remote control for complete system operation in the 1,000 foot range.
- Fan: 30,000 CFM (849.50 CMM) with 25 fan.
- Adjustable throw angle: 0° - 50° pitch.
- Anodized aluminum "fire nozzle" style center nozzle with adjustable pattern.
- Nozzles: 30 brass (also available in stainless and nylon).
- Integrated fan & nozzle ring design for safety.
- Premium efficiency direct-drive motor.

NOISE

- Between 86 and 100 decibels at 0 feet.

WATER REQUIREMENTS

- Recommended water supply: 50 PSI - 100 PSI.
- Minimum inlet pressure: 10 PSI (0.69 BAR) to booster pump.
- Maximum inlet pressure: 150 PSI (6.89 BAR) to booster pump.
- In-line 30-mesh (595-micron) filter system.
- Connection: 2" fire hose or larger.

ELECTRICAL SPECIFICATIONS

- U.S.: 3 phase / 25 HP fan / 480 volt / 60 hertz.
- Full load current: 46 amps.
- Booster Pump: 25 HP.
- Oscillator: 1/8 HP (0.10 kW).
- NEMA 3R control panel enclosure.
- Generator: Kohler model SK-75 genset (75 kW)
- Fuel Capacity: 100 gallons
- Runtime: Approximately 35 hours
- U.S. Voltage: 3 phase / 480 volt / 60 hertz
- Compliance: EPA Tier 4 Final, Stage IV

DIMENSIONS

- 7.33 feet (88 inches or 2.23 meters) wide.
- 23 feet (276 inches or 7.01 meters) long.
- 8.58 feet (103 inches or 2.62 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.
- Quick release manifold for easy manifold and nozzle removal.

WARRANTY

CANNON: 3 YEAR / 3,000 HOUR
GENSET: 2 YEAR / 2,000 HOUR

DB-60 SURGE FUSION WATER USAGE		FLOW RATE @	
STEP #	FLOW PATH STEP	MIN FLOW	MAX FLOW
1	SPRAY RING ONLY	26 GPM	43 GPM
2	CENTER NOZZLE ONLY	40 GPM	75 GPM
3	BOTH RING AND NOZZLE	66 GPM	110 GPM

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

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