



# Big John Mfg. Co. Inc.

*Leadership You Can Depend On*

## Take a close look at our complete line of mist blowers.

BIG JOHN MIST BLOWERS SET NEW STANDARDS FOR CHEMICAL APPLICATION, PROVIDING YOU WITH BETTER COVERAGE AT A MUCH LOWER COST THAN YOU WOULD INCUR WITH TRADITIONAL APPLICATION METHODS.

### SPRAY INSECTICIDES, HERBICIDES AND FUNGICIDES

- **LIVESTOCK INSECT CONTROL**  
Beef, Dairy, Cow/Calf, Poultry, Swine, Bison, Horses
- **PASTURE/RANGE CONTROL FOR NOXIOUS WEEDS AND BROADLEAF CONTROL**
- **SPRAY UNDER TREES - ROADSIDE DITCHES - FENCE ROWS - CREEK BEDS - LAGOONS - LEVEES**  
Spray Steep Rocky, Hard to Reach Areas and Areas That You Can't Walk, Ride or Drive
- **TRUCK/GARDEN PRODUCE**  
Sweet Corn, Tomatoes, Orchards, Vineyards, Nut Tree Spraying
- **GREAT FOR PUBLIC AREA APPLICATIONS**  
Campgrounds, Parks, Golf Courses, Hunting Lodges, and other Municipal Uses of Insect Control
- **BARRIER TREATMENT**  
Mosquitoes, Grasshoppers, Gnats, Biting Insects

***Spray up to 140 feet WITHOUT BOOMS***

### 3-PT. /TPS MIST SPRAYERS

- **EXTRA** heavy duty galvanized main frame engineered to handle rough terrain.
- **EASY FILL** and easy cleaning round poly tanks, interchangeable tanks and saddles.  
55 gallon tanks are standard equipment. Optional 110 gallon tanks and saddles are available.
- **CATEGORY I AND II** 3-point hitch pins are standard equipment.
- **PRESSURE GAUGE**, electric on-off control, pressure regulator and strainer are all mounted for easy servicing and viewing.
- **ALL GALVANIZED** 3 nozzle volute with electric or hydraulic rotation. Various volute and nozzle options are available. All blowers and volutes rotate left to right 210°.
- **PRECISION** balanced heavy duty blower & wheel with quad V belt drive engineered for long life and whisper quiet performance.



3 PT. HD-55



TPS-M18-55



3 PT. Econo



# BIG JOHN MIST BLOWERS

**SPRAY UP TO 140 FEET WITHOUT BOOMS!**

## SPECIFICATIONS

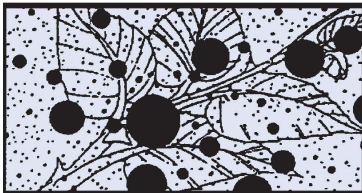
MODEL	MOUNTING	PUMP	TANK	POWER	VOLUTE OPTIONS	ROTATION	AGITATION	ELECTRIC ON-OFF SOLENOID	HAND GUN KIT	SHIPPING WEIGHT
3 PT HD-55	3 PT. cat. 1 or 2	4-Roller 9 gpm-150 psi	55/110 Gal. Poly	Tractor PTO 16 H.P.	1-2-3	Hyd. or Elec. Less Cyl.	By-Pass	Standard	Option	#400
3 PT HD-55 H.S.	SAME AS ABOVE (3 PT HD-55) WITH HIGH SPEED DRIVE KIT AND HEAVY DUTY DRIVE TRAIN									#415
3 PT OV-55	3 PT. cat. 1 or 2	Centrifugal 70 gpm-80 psi	55/110 Gal. Poly	Tractor PTO 16 H.P.	1-2-3	Hyd. or Elec. Less Cyl.	By-Pass	Standard	Option	#430
3 PT OV-55 H.S.	SAME AS ABOVE (3 PT OV-55) WITH HIGH SPEED DRIVE KIT AND HEAVY DUTY DRIVE TRAIN									#445
TPS-M18-55	Skid	4-Roller 9 gpm-150 psi	55/100 Gal. Poly	18 HP Gas Elec. Start	1-2-3	Electric Standard	By-Pass	Standard	Option	#700

## MIST SPRAYING VERSUS HYDRAULIC SPRAYING

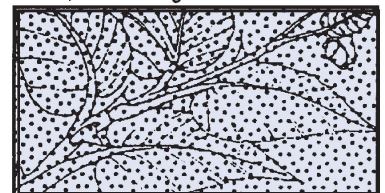
Hydraulic spraying patterns, shown below-left, produce large spray droplets, which run off crops and waste water and chemical. Mist spraying, shown below-right, will give you better distribution of small spray droplets which will produce better penetration and coverage with less chemical and water.

**Various Micron Diameters and No. of Spray Droplets Per Sq. Inch:**

*Fine, even mist gives best results!*

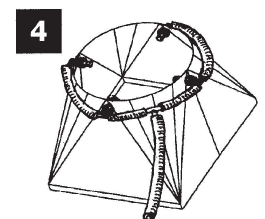
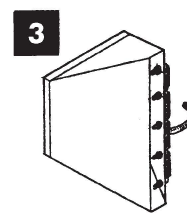
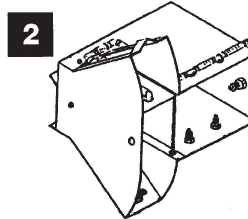
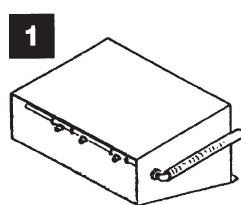
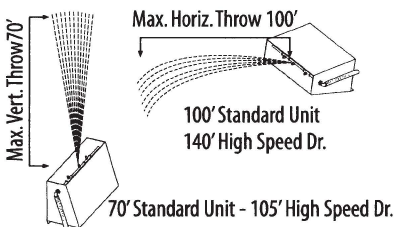


Diameter/Microns	Droplets/Sq. In.
20	143,000
50	9,224
100	1,164
200	142
300	43
500	9



## VOLUTE-OPTIONS

REF. NO.	PART NO.	DESCRIPTION	TYPE OF NOZZLE	NO. OF NOZZLES	TYPE OF AIR-DISCHARGE	USAGE
1	0075	Horizontal Volute	Flat Spray Type	3	Horizontal	Pasture, Livestock, and All Purpose
2	0080	Baffled Vertical-Volute	Flood Jet Tips	8	Vertical	All Truck Produce and Vegetables
3	0078	Vertical	Flood Jet Tips	5	Vertical	Sweet Corn, Livestock, Tomatoes, Orchards
4	0090	Horizontal	Flat Spray	4	Horizontal	Pasture, Livestock, All-Purpose



## NOTICE . . .

### FIELD BORDERING, FEATHERING AND OVERLAPPING

Overlap or Feathering is a small amount of spray propelled 5 ft. to 15 ft. beyond the normal uniform swath width. As a rule, this area normally will not have enough chemical to achieve the desired results and should not be considered as part of the swath width. Field Bordering applications should be performed in NO WIND conditions, if possible. Banding, Field Bordering and Barrier Spraying Herbicide, insecticides and Fungicides near adjoining fields or non-target areas can be achieved by reducing the PTO RPM speed and pointing the volute slightly downward until the swath width is only 10 ft. to 30 ft. This makes the spray more visible and reduces the possibility of overspray and overlapping.

*Look to the Dealer who offers more value*

**BIG JOHN WARRANTY**  
BIG JOHN FARM EQUIPMENT AND PRODUCTS are warranted to be free of defects in materials and workmanship. Vendors items are warranted by vendor.

THE BIG JOHN MFG. CORP. reserves the right to make changes in price, design, materials and specifications or to withdraw any product without notice or liability thereof.

**EQUIPMENT FOR THE 21st CENTURY**