

MOTOFOG®



		MF10	MFX20	MF20	MF40	MF60
Engine Power						
D - Diesel	CV/kW	-	-	7/5.0	10/7.4	25.7/18.9
B - Petrol	CV/kW	5.0/3.7	9/6.6	9/6.6	13/9.5	-
E - Electric	kW/Volt	2.0/220-110	-	4.0/400	5.5/400	-
Range till	m	10-15	20-25	20-25	30-35	50-55
Horizontal angle	°	-	270	270	270	90
Vertical Angle	°	-30+60	-30+60	-10+65	-10+65	-7.5+75
Nozzles Number	DUALJET	2	2	2	2	2
Water output pressure	bar	25-60	25-60	25-60	25-60	25-60
Water Quality						
Water Consumption	l/1' max	6 - 13.0	12 - 24.0	12 - 24.0	20 - 42.0	50 - 100.0
Operating Height	m	1.41	-	1.95	1.95	2.33
Uptime	h	4 - 6	4 - 6	4 - 6	4 - 6	8
Weight	kg	- - 63 - 71	95	194-162-187	215-187-197	435
Dimensions	m	1.04x0.88x0.75	0.79x0.55x0.72	1.45x1.20x1.22	1.45x1.20x1.22	1.45x1.30x1.56

ROTOFOG®



		RFA10	RFA20	RFA40	RFW60	RFW80
Engine Power	kW/Volt	2.0/230-110	4.0/400	5.5/400	5.5+5.5/400	15+15/400
Range till	m	10-15	20-25	30-35	35-55	55-80
Slewing Corner	°	360	360	360	270	320
Vertical Angle	°	0+23	0+23	0+23	-15+60	-15+70
Nozzles Number		1	1	1	2	2
Water pressure	bar	25-60	25-60	25-60	25-60	25-60
Water Quality						
Water Consumption	l/1' max	2 - 13	24	42	42 - 84	100 - 200
Operating Height	m	2.8	3	3	2.40 Max	3.20 Max
Weight	kg	110	150	170	325 (mobile) 294 (fixed)	580
Dimensions	m	0.80x0.85x1.40	0.80x0.85x1.64	0.80x0.85x1.64	1.41x1.26x1.86 (mobile) 1.19x1.00x1.83 (fixed)	1.20x1.68x1.65

TOTAL DUST SUPPRESSION SOLUTIONS



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MOTOFOG

MOTOFOG is a nebulised jet dust suppression machine, provided with an internal combustion engine driving a high pressure pump. High pressure water is delivered to a spraying head with up/down and left/right electrically operated movements. The water jet is released at a proper height for safety reasons and to not disturb the operators on site.

MOTOFOG just needs a water supply to be ready to work. The operating costs are greatly reduced, because there is no need for additional power generators. The transport costs are as well reduced, thanks to its lightweight and compactness.

MOTOFOG with DUAL JET is a highly flexible solution which suits operator's needs perfectly. The provided nozzles, through a simple operation, allow the selection of different spray patterns which can deliver either the long range or a wide coverage, according to the specific needs.

Features include:

- Handle grips for easy handling and moving.
- Remote radio control for effective head movements and machine operation.
- Joystick controls for local electrically operated head movements.
- Filter with oversized stainless steel cartridge.



Economic operation.



Great water savings comparing the common watering systems.



No more hazardous electric cables laying on the ground or into the puddles.



Motofog is provided with wheels for easy handling and moving on the working site. It can be supplied from a water tank.

Product specifications shown on back page

ROTOFOG®

RFA 10-20-40

RFA is an electrically powered and programmable dust suppression unit, equipped with a pump on board. Its spraying head allows to cover a 360° horizontal rotation, with a 3m high tilt-able supporting pole. This machine can be supplied with low pressure water from the mains. RFA units can be operated either locally on the control panel, or using a remote radio control.

On the machine control board it is possible to set the number of working cycles, the horizontal spraying angle width and the idling time between working cycles, allowing a fully automatic operation. RFA is provided with purposely designed base brackets to ease its movement and handling with a forklift.

RFA is available in three versions: RFA10, suitable for indoor activities not requiring a long range coverage, with a quiet operation and preventing an excessive wetting of the material.

RFA20 and RFA40 are designed for outdoor use, to cover wide areas and intensive activities such as: aggregate treatment plants, quarries, wood processing plants, bulk material handling and storage, landfills and waste treatment, steel mills, etc.



Features include:

- Programmability of working time and swivelling angle width.
- Optimal nebulisation.
- Quiet operation.
- Low operating costs.
- With a simple manoeuvre the pole can be set back to its operative configuration. The spraying nozzle can be set to spray on different vertical angles, easily tilting the pole or changing the nozzle position.
- The pole can be completely tilted down to a parking/transport configuration, with reduced overall dimensions.



RFW 60-80

RFW is the premium solution for dust suppression where power, smartness and quietness blend together in a unique and unprecedented product.

RFW is characterised by a compact yet impressive design. The lower volume includes the motors, the pumps and the control board, while the upper volume is represented by a strong motorized arm, provided with a spraying head.

RFW can be installed over different structures, movable, fixed or over a tower.

RFW is provided with Leotech Dual Power technology, which allows to operate the unit with single or double pump, to better adapt to the specific needs of each job. The power of the machine and the fine high pressure nebulisation, allow operative ranges from 35-55 m (RFW60) to 55-80 m (RFW80) according to the operative mode and to the different versions.

The lack of fan blowers, allows a powerful and strong water jet with low sensibility to the wind conditions and without creating artificial air streams which could displace the dust instead of suppressing it.

RFW is the unit with top performances for dust suppression with the lowest noise levels worldwide: less than 58 dB at 20 m. Very remarkable values when compared to the units based on fan blower technology.

RFW is available only with electric power supply and can be installed over different structures, fixed or movable.

Product specifications shown on back page

