



PATENTED

ROTOFOG RFW 80

ROTOFOG RFW 80 is the new dust suppression system by LEOTECH, based on the nebulised water jet technology and with a high operative range.

Electric



Mining industry ✓

Wood processing ✓

Recycling and scrap ✓

Bulk material and ports ✓

Demolition & Construction sites ✓

Waste management ✓

& Landfills ✓

Suitable for very wide or intensive jobs, RFW 80 is the premium solution for dust suppression where power, smartness and quietness blend together in a unique and unprecedented product.



www.leotechdust.com

Design

RFW 80 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 80 can be installed over different structures, movable, fixed or over a tower.

Adjustable power and performances

RFW 80 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 55 to 75 m according to the operative mode.

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.



Technical Specifications

		RFW80
Power	kW/Volt	15+15/400
Range till	m	55-75
Slewing Corner	°	0-320
Vertical Angle	°	+15 +70
Nozzles Number		2
Water pressure	bar	70
Water Quality		sweet non aggressive water
Water Consumption	l/1' max	100-200
Operating Height	m max	2,50
Weight	kg	570
Dimensions	m	1,20x1,58x1,98

Optional: RADIO

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

Quiet:

RFW 80 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.



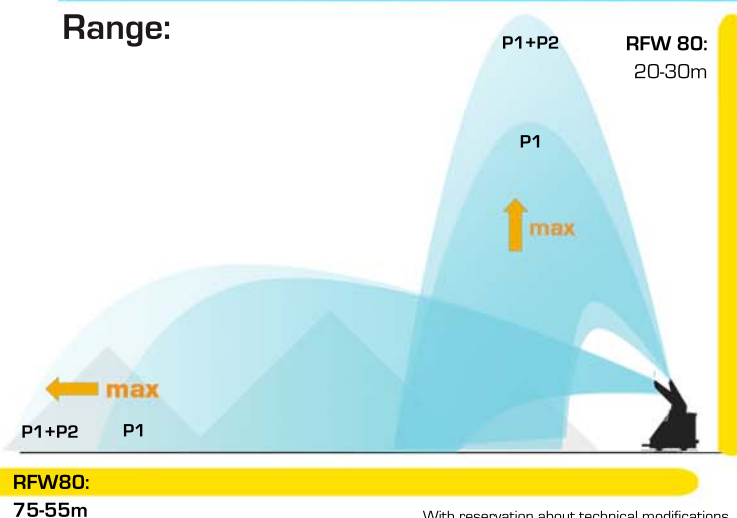
Smartness:

A key feature of RFW is its smartness. Besides a basic operative mode (start/stop with instant activation of the electrically & radio operated head movements), it can easily be programmed with three easy steps:

- Setting of the horizontal rotation angle starting from a reference point (from 0° to 320°)
- Number of working cycles, meaning how many times the machine will consecutively spray at constant speed covering the selected angle.
- Idling time between an activation and the following one.

These settings allow an automatic and efficient management of the system, with a continuous dust treatment.

Range:



With reservation about technical modifications