



THE  
SPRAY NOZZLE  
PEOPLE

# Storm Blaster™

Rotary Jet  
Storm Tank Cleaner



## TANK WASH

### DESIGN FEATURES

- ▼ Entirely fluid driven meaning no external power source is required
- ▼ Fully sealed gear box allowing for muds and other high particulate fluids to be used as the cleaning media e.g. final effluent
- ▼ Stainless steel rugged design means almost no maintenance is required

### SPRAY CHARACTERISTICS

- ▼ Flow rates: 100 - 570 L/min
- ▼ Working Pressure: 2 - 10 bar
- ▼ Jet length: Up to 25 metres
- ▼ Wash pattern: 180° or 360°
- ▼ Cycle times: 26-85 minutes
- ▼ Materials:
  - Housing: 316L
  - Nozzle Head: 316L
  - Gears: PEEK + 316 SS
  - Bushings: Carbon Filled PTFE
- ▼ Weight
  - 12kg for 6-12mm
  - 14kg for 14mm



The StormBlaster™ has been engineered specifically for use in cleaning large stormwater retention tanks. These machines are powerful, robust and by far the most water and energy efficient method of cleaning large tanks when compared with other methods such as tipping buckets and eductor swirl systems.

The StormBlaster™ can be deployed in cold, dirty and corrosive environments with little or no maintenance requirements.

When compared to the cost of the methods above, the StormBlaster system is considerably cheaper in terms of both installation and operating costs.

CALL NOW : +44 (0) 1273 400092

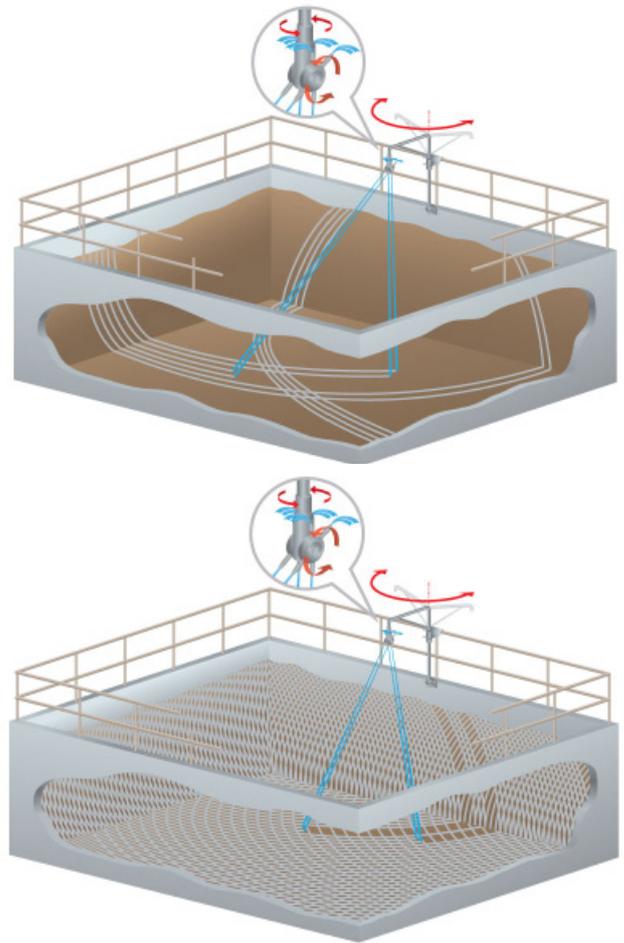
[www.spray-nozzle.co.uk](http://www.spray-nozzle.co.uk)

The Go-to People for spray nozzle solutions

## How it works

The Storm Blaster is a fluid driven rotary jet cleaner. The cleaning fluid is pumped through the machine and this first passes through a turbine which causes the two nozzle arms to spin. The fluid then passes through the nozzles forming a powerful cleaning jet. As the arms rotate the main body also rotates in a set pattern. This is geared so that over a specific period of time (the clean cycle) the cleaning jets are brought to bear on each part of the tank ensuring a thorough, methodical clean.

For each configuration of Storm Blaster there will be a maximum jet length for any given fluid pressure. The max jet length is the overall reach of the resulting spray. The effective cleaning jet length is smaller than this and represents the distance from the machine where a reasonable cleaning action will be achieved. Clearly a more robust clean will be given the further within the effective jet length the target sits.



## Made in the UK



The Orbitor is manufactured in the UK exclusively for The Spray Nozzle People by Dasic Marine

### Storm Blaster

Flow rates, jet lengths and cycle times

Bar	2x6mm			2x7mm			2x8mm			2x10mm			2x12.5mm			2x14mm		
	Flow Rate l/min	Jet Length m	Cycle Time min	Flow Rate l/min	Jet Length m	Cycle Time min	Flow Rate l/min	Jet Length m	Cycle Time min	Flow Rate l/min	Jet Length m	Cycle Time min	Flow Rate l/min	Jet Length m	Cycle Time min	Flow Rate l/min	Jet Length m	Cycle Time min
2	80	7	85	81	8	85	95	9.5	85	120	10	85	200	10	85	316	11	85
4	98	9.5	50	103	10	50	118	10.5	50	167	11	50	220	11.5	50	341	14	72
6	113	10.5	36	125	11	36	142	12	36	190	13	36	260	14	36	475	18.9	60
8	132	12	29	138	13	29	163	13.5	29	217	14	29	292	15	29	508	22.6	48
10	143	13	26	155	14	26	177	14.5	26	228	15	26	315	17	26	570	25.5	37