

100% AEROSOL CAN RECYCLING

1

METAL
BRICKS

2

GAS TO
ENERGY

3

WASTE
TO ENERGY



DESPRAY



AEROSOL CANS AS A RESOURCE. NOT WASTE.

DESPRAY'S patented aerosol recycling technology enables manufacturers, recycling facilities and municipal waste management sites to recycle aerosol cans and recover 100% of the liquid, gas and metal contents in a way that is not only safe and sustainable, but profitable. The DESPRAY aerosol recycling system converts an otherwise impossible waste stream into a true circular economy.

CUSTOM DESIGNS

In-house engineering team designs & manufactures custom spray can recycling systems to meet all regulatory requirements. Each system is built to ATEX, CE or UL parameters as a complete operating assembly. Basically, a miniature factory.

SAFE WORKPLACES

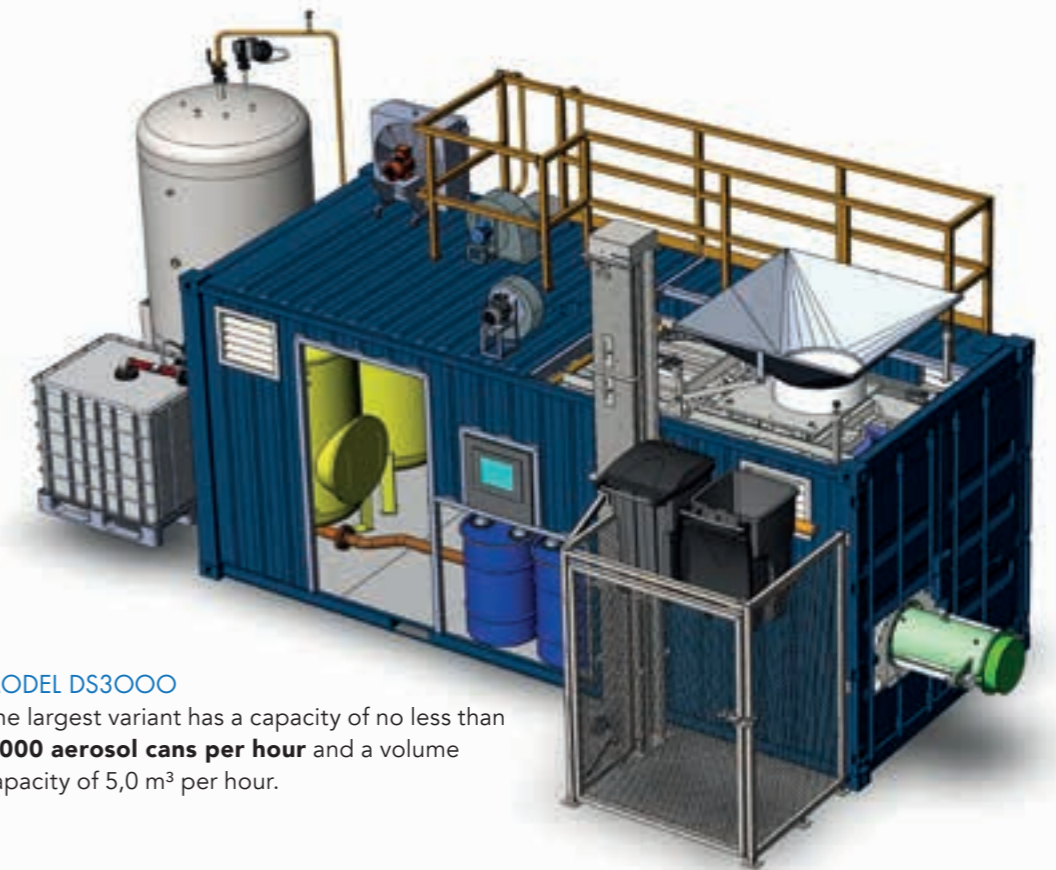
Patented closed-loop system continuously ensures a safe, non-explosive atmosphere at all times (ATEX, CE & UL-compliant). Certified by Lloyds.

ONGOING SUPPORT

On-site installation, training, maintenance and continuous aftermarket support team with over 30 years of industry experience. We can remote monitor and change parameters anywhere in the World.

MODEL MICRO DS500

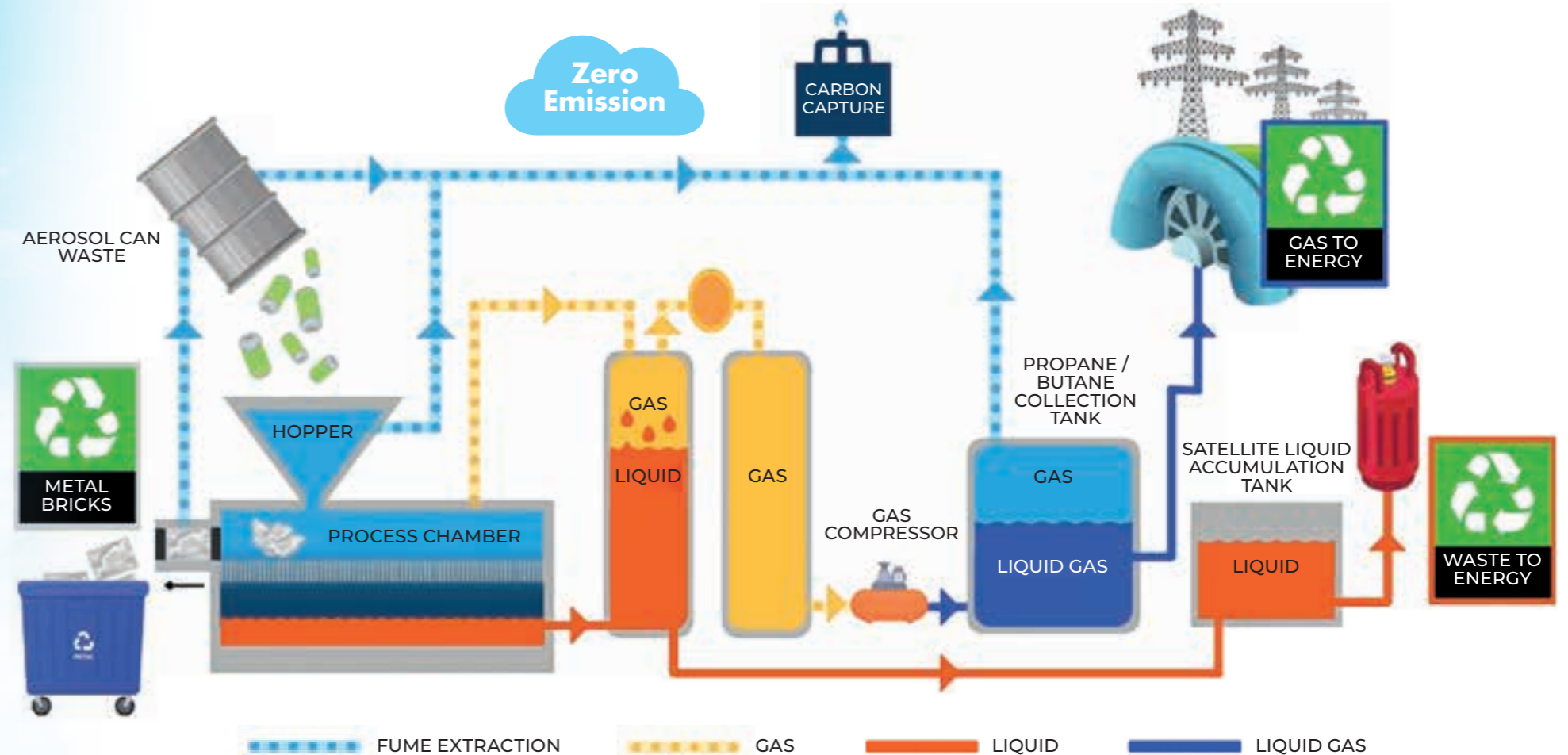
The smallest variant has all the same advantages as other DESPRAY systems but with a capacity of **550 spray cans per hour**.



MODEL DS3000

The largest variant has a capacity of no less than **7,000 aerosol cans per hour** and a volume capacity of 5,0 m³ per hour.

MORE DETAILS AND MODELS ON THE BACK OF THIS BROCHURE >



- 1 METAL BRICKS**
- 2 GAS TO ENERGY**
- 3 WASTE TO ENERGY**

TECHNICAL SPECIFICATIONS	MODEL DS500	MODEL DS1500	MODEL DS1500F	MODEL DS3000	MODEL DS3000F	MODEL DS5000	MODEL DS5000F
Volume-capacity	0,5 m ³ /h	1,5 m ³ /h	1,5 m ³ /h	2,5 m ³ /h	2,5 m ³ /h	5,0 m ³ /h	5,0 m ³ /h
Cubic meters per hour	*	*	Full cans	*	Full cans	*	Full cans
Cans per hour* (400ml can size)	550 *	1.750 *	1.750 Full cans	3.500 *	3.500 Full cans	7.000 *	7.000 Full cans
Typical footprint LxWxH cm/ft	450x365x245 15x12x8 ft	915x365x365 30x12x12 ft	915x365x365 30x12x12 ft	915x365x365 30x12x12 ft	915x365x365 30x12x12 ft	1525x365x365 50x12x12 ft	1525x365x365 50x12x12 ft
Weight kg /lbs	3.000 kg 6.600 lbs	9.500 kg 21.000 lbs	10.500 kg 23.150 lbs	12.000 kg 26.500 lbs	12.000 kg 26.500 lbs	14.000 kg 33.000 lbs	14.000 kg 33.000 lbs
Power** kW /hp	20 kW /25 hp	45 kW /60 hp	60 kW /80 hp	60 kW /80 hp	100 kW /135 hp	100 kW /135 hp	110 kW /150 hp
Nitrogen usage @atmospheric pressure	1.5 m ³ /h	4.0 m ³ /h	4.0 m ³ /h	6.0 m ³ /h	6.0 m ³ /h	8.0 m ³ /h	8.0 m ³ /h
Briquette weight kg /lbs	2.7 - 5.5 kg 6.6 - 12 lbs	2.7 - 9.0 kg 6.6 - 20 lbs	2.7 - 9.0 kg 6.6 - 20 lbs	2.7 - 9.0 kg 6.6 - 20 lbs	2.7 - 9.0 kg 6.6 - 20 lbs	2.7 - 12.0 kg 6.6 - 26 lbs	2.7 - 12.0 kg 6.6 - 26 lbs
Briquette dimensions HxWxL	10x10x30 cm	30x20x30 cm	30x20x30 cm	30x20x30 cm	30x20x30 cm	40x30x30 cm	40x30x30 cm
Steel recovered per hour kg /lbs	50 kg 110 lbs	150 kg 330 lbs	150 kg 330 lbs	240 kg 528 lbs	240 kg 528 lbs	480 kg 1.056 lbs	480 kg 1.056 lbs
Fluids recovered per hour* kg /lbs	150 kg 330 lbs	450 kg 990 lbs	1.350 kg 2.970 lbs	750 kg 1.650 lbs	2.250 kg 4.950 lbs	1.500 kg 3.300 lbs	4.500 kg 9.900 lbs
Liquid gas recovered* kg /lbs	17 kg* 37 lbs	52 kg* 115 lbs	175 kg 262 lbs	185 kg* 407 lbs	280 kg 616 lbs	370 kg* 814 lbs	560 kg 1.232 lbs

- * Assuming post-consumer cans with 25% average fill rate
- ** Voltage and frequency as specified by customer
- Customer supplies all storage tanks and site requirements
- Gas purification and siloxane removal quoted separately



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