

NEW

CLOSED LOOP

100% Aerosol Recycling Capabilities

Finally, a turn key processing system that transforms hazardous aerosols and canned waste products into fully recyclable and saleable byproducts. **PROVECTUS** uses state of the art technology to deal with toxic waste effectively and safely with 100% diversion from landfills and the atmosphere.

Fully Automatic - Batch Type Feeding - Single Can Handling Not Required

PROVECTUS TECHNICAL INFORMATION

SPECIFICATION		FILLERS	RECYCLERS
C A P A C I T Y	Volume * (m)	0.500 cu metres/hr	1.5 cu metres/hr
	(NA)	18 cu ft/hr	53 cu ft/hr
	Cans per hour *	160 - 1100 cans/hour (500ml) (75ml)	500 - 3500 cans/hour (500ml) (75ml)
	Typical footprint** (m)	10 ft x 8 ft x 8 ft H 305cm x 244cm x 244cm	25 ft x 8 ft x 10 ft H 762cm x 244cm x 305cm
	Weight (kg / lbs)	2,540 kg (5600 lbs)	3,700 kg (8175 lbs)
	Voltage	As specified by customer	As specified by customer
	Power (kilowatts / horsepower)	20 kw / 25hp	45 kw / 60hp
	Nitrogen required / hr (m3)	1.5 cu metre/hr	4.0 cu metre/hr (141 cu ft/hr) @ Atmospheric Pressure
	Briquette Weight (kg / lbs)	2.7kg - 7kg 6.6 lbs - 15 lbs	2.7kg - 7kg 6.6 lbs - 15 lbs
	Briquette Dimensions (mm)	10.0mm X 10mm X 30mm L	10.0mm X 10mm X 30mm L
	Steel recovered / hr (kg / lbs)	45kg - 55kg (100 lbs - 120 lbs)	140kg - 160 kg (308 lbs - 350 lbs)
	Fluids recovered / hr (kg / lbs)	80kg (175 lbs)	240kg (528 lbs)
	Liquid Gas recovered / hr (kg / lbs)	16kg - 50kg (35lbs - 110 lbs)	49kg - 150kg (108lbs - 330 lbs)
* Assuming post consumer cans		Base models prepared with gas and liquid outlet connections. Machines are manufactured and programmed for nitrogen purge. Ready for flare or boiler connection or venting.	
		1. Gas/Liquid system – process gas propellant into liquid fuel storage 100% recycled 2. Automatic lifting device (per customer specification) 3. Factory internet service. Internet ready	

Safety and performance are key factors in the **PROVECTUS** system. This state of the art de-packing “densifier” can separate and remove both the propellant and the liquid and save them in separate containment tanks for recycling or incineration. The metal containers are compacted into a dense dry briquette with 99 per cent of the liquid removed which makes ideal feed stock for smelters. The entire operation occurs inside the safety of a nitrogen purged, oxygen free environment - with %100 diversion from landfills and the atmosphere.

