AEROSOL SHREDDING SYSTEM

ASU 500 through 2000 with feed conveyor unit EXP version:

ASU-500 output	Air CFM@PSI	EXAUST CFM	Power @ 460 VAC
250-350 Per hour	60 CFM @ 100PSI Max Flow on Air pump	300 CFM	39 Amps
N2 Requirement	8 CFM @125 PSI	(3-1) air to N2	

ASU-800 output	CFM@PSI	EXAUST CFM	Power @ 460 VAC
650-750 Per hour	80 CFM @ 100PSI Max Flow on Air pump	600 CFM	39 Amps
N2 Requirement	10 CFM @125 PSI	(3-1) air to N2	

ASU-1000 output	CFM@PSI	EXAUST CFM	Power @ 460 VAC
900 - 1100 Per hour	120 CFM @ 100PSI Max Flow on Air pump	1200 CFM	101Amps
N2 Requirement	20 CFM @125 PSI	(3-1) air to N2	

ASU-2000 output	CFM@PSI	EXAUST CFM	Power @ 460 VAC
2000-2500 Per hour	200 CFM @ 100PSI Max Flow on Air pump	1800 to 2400 CFM	134 Amps
N2 Requirement	20 CFM @125 PSI	(3-1) air to N2	

LEL sensor: this is to monitor LEL's in the system, can be added to Carbon Bed to monitor if the carbon bed is saturated with waste vapors and need to be cleaned or replaced. One monitor comes standard on the unit ASU unit. Options for additional carbon beds can be added.

DESIGNED EQUIPMENT

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The aerosol shredding system was designed to separate VOC and liquids from the metal and plastic aerosol cans. The VOC are removed and sent to either a carbon bed or to a customer supplied thermal oxidizer to be burn off.

The Aerosol Shredding Unit is designed to shred aerosol cans that contain liquids including the metal in lower chamber. The metals and plastics are moved up the auger section (if added to system) and dumped into customer supplied bins. The solvents and waste materials get pumped into the customer assigned drum or tanks for disposal. The VOCs are exhausted to Carbon Bed or customer supplied thermal oxidizer.

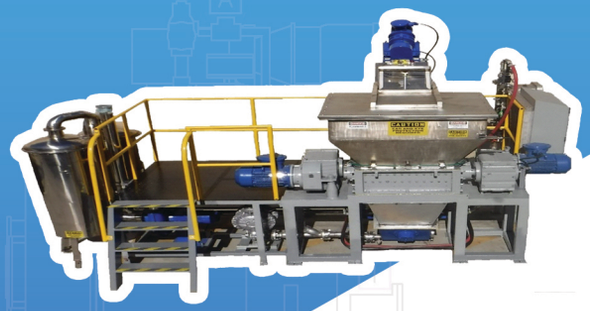
N2 (nitrogen) system, a requirement for explosion proof orders, injected system into the ASU system to remove 1 of the 3 items necessary to ensure an explosion proof unit.

OPTIONS OFFERED

- (LEL sensors) that monitors VOC in Carbon Bed.
- Auger Removal of metals and plastics.
- Conveyor feed system for loading cans into ASU unit.
- Carbon Bed (tanks or drums)
- N2 (nitrogen generator) and holding tank.

ASU 500 THROUGH 2000 TOP LOADED UNIT EXP VERSION:

NOTE: Electrical requirements can change due to options added and voltage requested:



ASU-200 OUTPUT	CFM@PSI	EXAUST CFM	POWER @ 460 VAC
150-200 Per hour	17 CFM @ 100PSI	300 FCM	21 Amps
N2 Requirement	6 CFM @125 PSI	(3-1) air to N2	

ASU-500 output	Air CFM@PSI	EXAUST CFM	Power @ 460 VAC
250-400 Per hour	60 CFM @ 100PSI Max Flow on Air pump	300 CFM	34.6 Amps
N2 Requirement	8 CFM @ 125 PSI	(3-1) air to N2	

ASU-800 output	CFM@PSI	EXAUST CFM	Power @ 460 VAC
700-800 Per hour	80 CFM @ 100PSI Max Flow on Air pump	600 CFM	34.6 Amps
N2 Requirement	10 CFM @ 125 PSI	(3-1) air to N2	

ASU-1000 output	CFM@PSI	EXAUST CFM	Power @ 460 VAC
950-1200 Per hour	120 CFM @ 100PSI Max Flow on Air pump	1200 CFM	87 Amps
N2 Requirement	20 CFM @125 PSI	(3-1) air to N2	

ASU-2000 output	CFM@PSI	EXAUST CFM	Power @ 460 VAC
2500-3000 Per hour	20 CFM @ 100PSI Max Flow on Air pump	1800 To 2400 CFM	120 Amps
N2 Requirement	20 CFM @125 PSI	(3-1) air to N2	