

PLANT CONFIGURATION

TIU-8G+

INCINERATION UNIT

Capacity	0 – 250 kg/hr
Burning temperature (standard)	850 / 1100 °C
Max. Burning temperature (option)	950 / 1300 °C
Diesel burner system	standard
NG burner system	option
Manual feeding	standard
Conveyor for waste feeding	option
Manual slag extraction	standard
Incinerator with environmentally friendly movable grate. Sufficient ventilation and physical breaking of the waste for a clean and effective combustion.	standard
Liquid waste lance spray system	option
Type of Waste / Suitable for	
Domestic waste and hazardous waste like industrial waste, medical waste, chemical residues that are solid and paste-like up to 30% moisture content.	standard
Ammunition and other explosives, lightning ammunition, Akkus and Batteries, mercury containing materials, PVC (only smaller amounts per feeding sequence allowed)	forbidden

FLUE GAS COOLING UNIT

Environmental friendly Air Cooling System	standard
- Air cooler.	
- Pipes made of carbon and stainless steel.	
- Cooling air fan and blow-off pipe for cooling air.	
- No water consumption.	
- External insulation.	

FLUE GAS CLEANING UNIT

Temperature resistant flue gas cleaning system	standard
- Filter with fabric filters or ceramic filter candles.	
- Dust discharge system.	
- Induced draft fan.	
- Insulation.	
Additive dosing system, manual	standard
Additive dosing system, automatic	option

CHIMNEY AND ACCESSORIES

Compressor	standard
Fan (3-Ph/400V)	standard
Chimney with a standard height from ground +6 m	standard
Generator (3-Ph/400V)	option
Control box	standard
Continuous Exhaust Gas Monitoring System CEGM (Continuous Exhaust Gas Monitoring) System Envisaged analyses could be Chlorides (Hcl, Cl ₂), NO _x , SO ₂ as Sox, Carbons as TOC, CO and TSP (total suspended particles) etc.	option
Diesel tank PE combined 1000 VS Volume 1000 l	option
Whatever else	option