

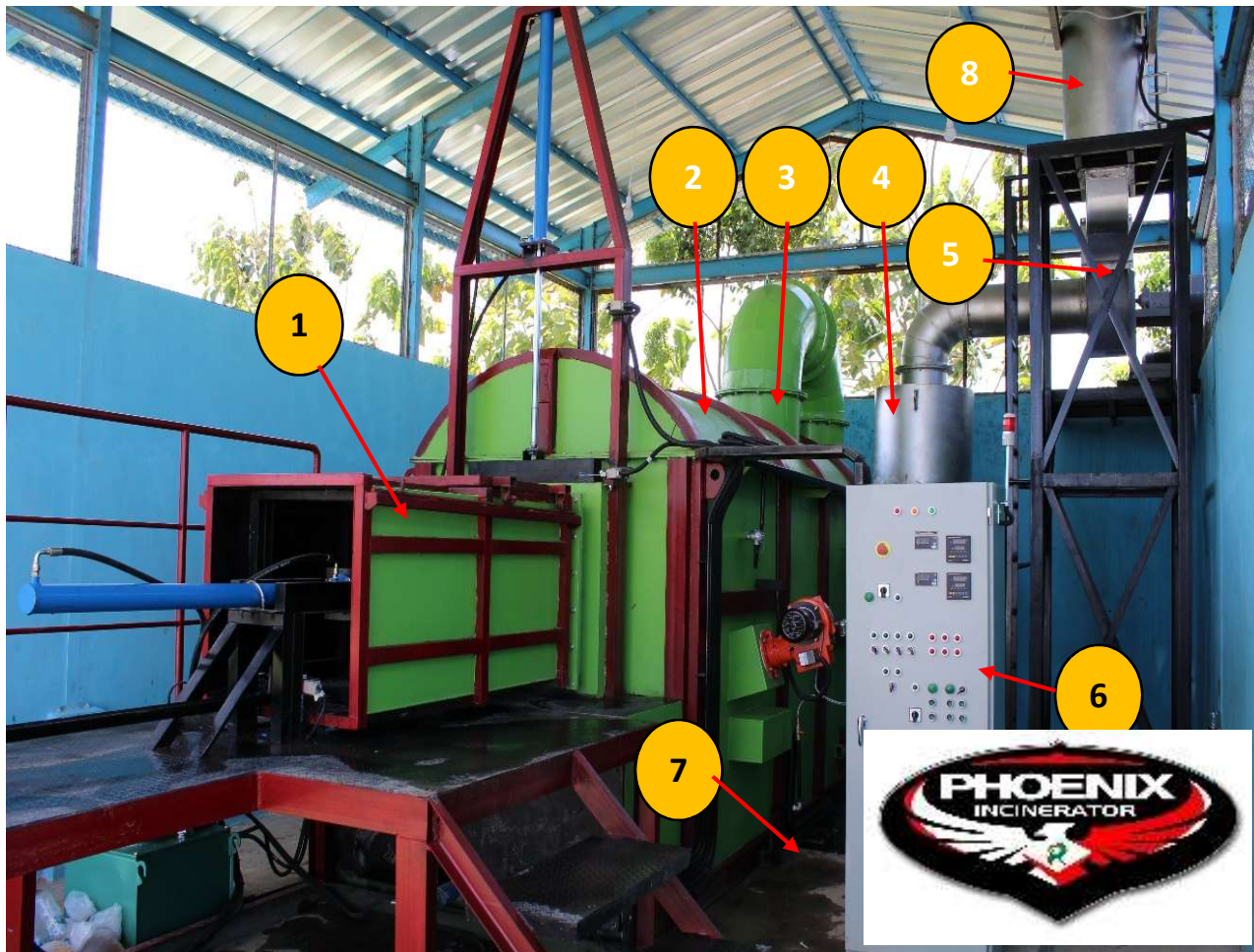
# INCINERATOR GENERAL SPECIFICATION

PT. CENTRA REKAYASA ENVIRO



GENERAL SPECIFICATION	Reciprocating Kap. 100 Kg/Jam	Reciprocating Kap. 300 Kg/jam	Reciprocating Kap. 500 Kg/jam
Merk	Phoenix Incinerator	Phoenix Incinerator	Phoenix Incinerator
Type	CRE-100	CRE-300	CRE-500
Jenis Limbah	Limbah Domestik/Limbah Padat Medis/Limbah B3	Limbah Domestik/Limbah Padat Medis/Limbah B3	Limbah Domestik/Limbah Padat Medis/Limbah B3
Ruang Bakar Utama	2.6 M3	6.7 M3	8 M3
Ruang Bakar Kedua	1.9 M3	7.1 M3	8.5 M3
Meşin Burner ( Pembakar )	2 Unit	5 Unit	7 Unit
Meşin Blower (Injector Udara)	2 Unit	2 Unit	2 Unit
Jenis Bahan Bakar	Solar/Gas	Solar/Gas	Solar/Gas
Konsumsi Bahan Bakar	30 Liter/jam	75 Liter/jam	95 Liter/jam
Kebutuhan Tegangan Listrik	220 v/ 380 v/ 50 Hz	220 v/ 380 v/ 50 Hz	220 v/ 380 v/ 50 Hz
Kebutuhan Daya Listrik	10 KW	15 KW	20 KW
Temperatur Ruang Bakar	Primary chamber 800 C - 1000 C, Secondary Chamber 1000 C - 1200 C	Primary chamber 800 C - 1000 C, Secondary Chamber 1000 C - 1200 C	Primary chamber 800 C - 1000 C, Secondary Chamber 1000 C - 1200 C
Waktu Tinggal Gas	>2 detik	>2 detik	>2 detik
Efisiensi Pembakaran	99,99%	99,99%	99,99%
Efisiensi Penghancuran dan Penghilangan (DRE)	99,9999%	99,9999%	99,9999%
Uji Dioxin Furan (Std min: <0.1 ng/nm3)	Pass	Pass	Pass
Indikator Temperatur	Digital thermocontrol	Digital thermocontrol	Digital thermocontrol
Kontrol Panel	PLC	PLC	PLC
Kapasitas Bahan Bakar	500 Liter	1000 Liter	1000 Liter
Sistem Pengumpan Limbah	Ram Feeder	Bucket Lift & Ram Feeder	Bucket Lift & Ram Feeder
Badan Meşin Utama	Mild Steel	Mild Steel	Mild Steel
Refractory material	SK 34 & SK 36 Bata Api dan C - 15 Castable cement	SK 34 & SK 36 Bata Api dan C - 15 Castable cement	SK 34 & SK 36 Bata Api dan C - 15 Castable cement
Bahan Penahan Panas (Isolator)	Insulation brick/ Ceramic Fiber/Rockwool/Glasswool	Insulation brick/ Ceramic Fiber/Rockwool/Glasswool	Insulation brick/ Ceramic Fiber/Rockwool/Glasswool
Spesifikasi Cerobong	1200 mm x 300 mm, Stainless Steel	1200 mm x 300 mm, Stainless Steel	1200 mm x 300 mm, Stainless Steel
Tinggi Cerobong (dari permukaan tanah)	14 meter	30 meter	30 meter
Lubang Pengambilan Uji Emisi	8 DE/2 DE	8 DE/2 DE	8 DE/2 DE
Fasilitas Pendukung Pengambilan Uji Emisi	Tangga dan Platform yang dilengkapi pengaman	Tangga dan Platform yang dilengkapi pengaman	Tangga dan Platform yang dilengkapi pengaman
Ukuran Dimensi Keseluruhan	9 m x 6 m x 2.5 m	8.7 m x 10 m x 7.8 m	20 m x 7 m x 9 m
Berat Meşin Keseluruhan	5 ton	12 ton	16 ton
Jenis Air Pollution Control (APC)	Water Scrubber dan Cyclone System	Water Scrubber dan Cyclone System	Water Scrubber dan Cyclone System
Contoh Foto Incinerator Terpasang	Foto A.	Foto B.	Foto C.

Foto A. Reciprocating Kap. 100 Kg/Jam



Keterangan :

1. Ram Feeding
2. Ruang Bakar-1
3. Ruang Bakar-2
4. Air Polution Control Wet Scrubber
5. ID Fan
6. Panel Kontrol
7. Ash Screw Discharge Conveyor
8. Exhaust Stack

Foto B. Reciprocating Kap. 300 Kg/Jam



Foto C. Reciprocating Kap. 500 Kg/Jam

