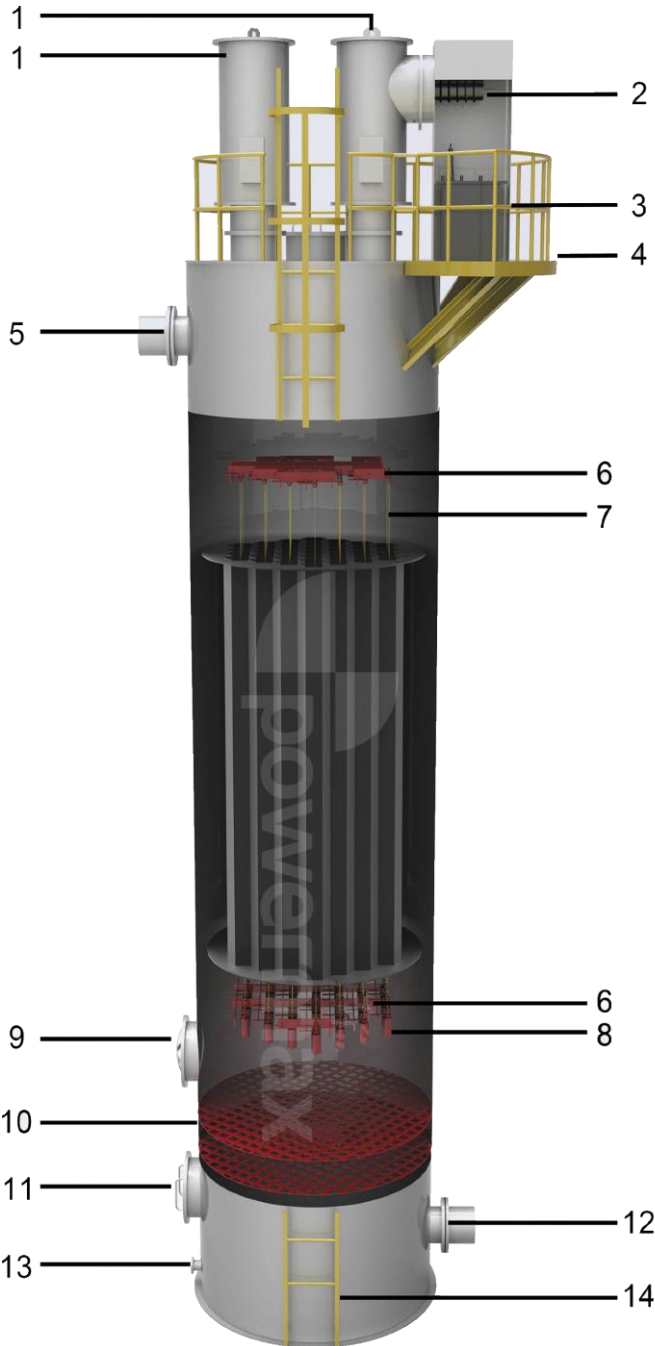
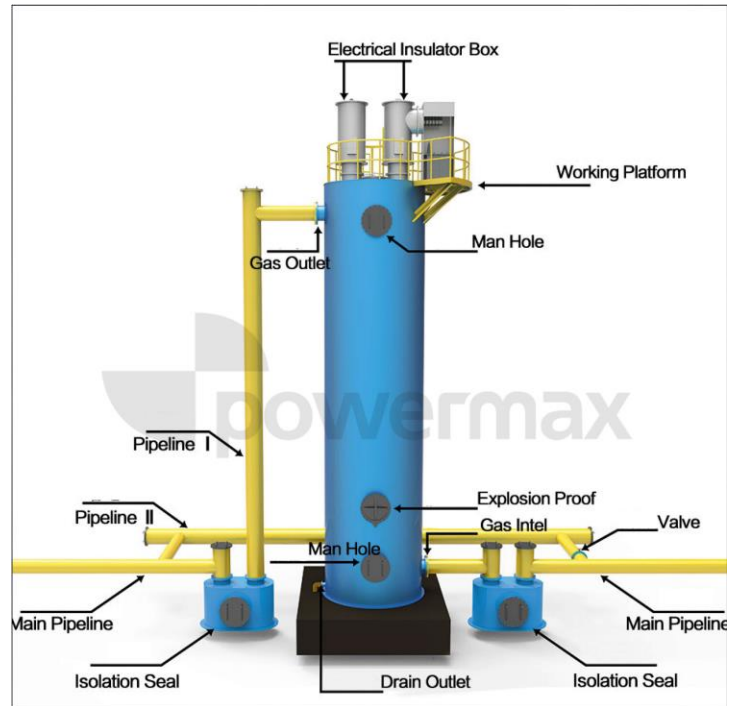


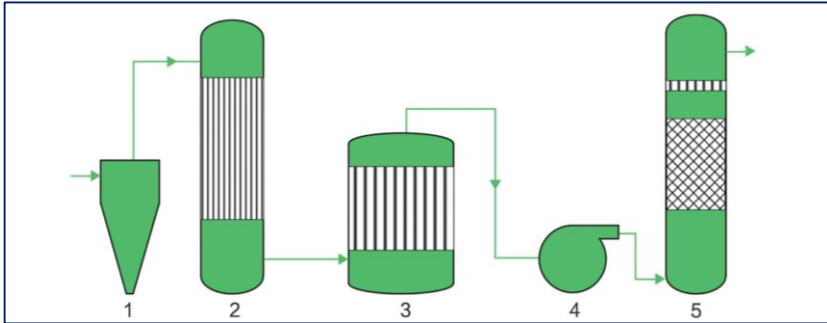
Specification Diagram of Equipment Structure



NO.Description	NO.Description
1.Electrical Insulator	8.Heavy Hammer
2.Wall Bushing	9.Exlosion Proof
3.Transformer	10.Gas Distribution Board
4.Working Platform	11.Man Hole
5.Gas Outlet	12.Gas Intel
6.Hanger	13.Drain Outlet
7.Electrode Wire	14.Ladder

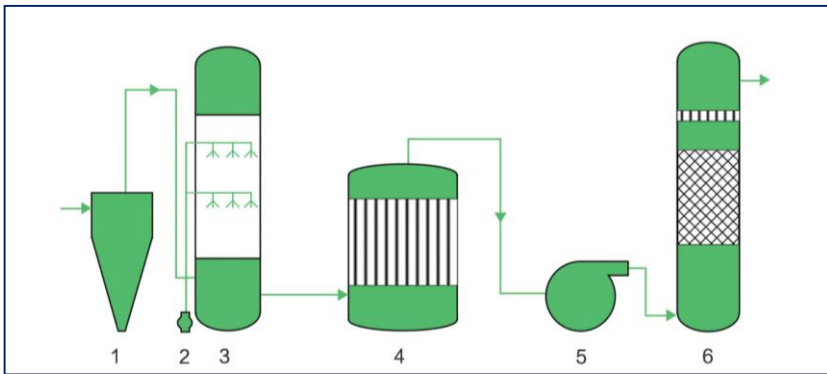


Specification Diagram of Equipment Installation



CLEANMAX Dry Flue Gas Cleaning System Flow Chart

NO.	Description
1.	Cyclone
2.	Indirect Cooler
3.	High Voltage Electrostatic Precipitator
4.	Blower
5.	Gas Dryer



NO.	Description
1.	Cyclone
2.	Circulating Water Pump
3.	Spray Tower
4.	High Voltage Electrostatic Precipitator
5.	Blower
6.	Gas Dryer

Applications for CLEANMAX Flue Gas Cleaning System

- Municipal Waste (MSW) Incineration, pyrolysis, gasification
- Hazardous Waste Incineration, carbonization, pyrolysis, gasification
- Sludge Incineration, carbonization, pyrolysis, gasification
- Exhaust Gas from Heavy Fuel Oil Engines in Diesel Power Plant
- Biomass Incineration, torrefaction, carbonization, pyrolysis, gasification
- Industrial Waste Incineration, pyrolysis, gasification
- Coal Fire Plant, coal pyrolysis & gasification plant, coke-oven plant
- Printing and dyeing mill, bitumen plant, dryer plant, dryer plant, kiln and etc.

Main Features of CLEANMAX Flue Gas Cleaning System

- High Filtration efficiency
- High availability
- Low operation costs
 - Low pressure losses
 - Low maintenance costs.
- Performance range
 - Approx. 100-800,000 Am³/H

Technical parameters of TNJD-I High Voltage Electrostatic Precipitator

model	m3/h	no.cell	M ²	m	m	C	Kpa	%	A/KV
TNJD31-I	6000-7500	31	2.41	2.30	10.8	20-80	<50	≥98	0.1-0.2/72
TNJD44-I	8000-1000	44	3.42	2.80	10.8	20-80	<50	≥98	0.1-0.2/72
TNJD52-I	1000-12000	52	4.04	3.0	10.8	20-80	<50	≥98	0.2-0.4/72
TNJD64-I	12000-16000	64	4.98	3.20	10.8	20-80	<50	≥98	0.2-0.4/72
TNJD76-I	14000-18000	76	5.91	3.40	11.8	20-80	<50	≥98	0.2-0.4/72
TNJD90-I	16000-18500	90	7	3.70	12.8	20-80	<50	≥98	0.2-0.4/72
TNJD102-I	18000-21000	102	7.93	3.90	12.8	20-80	<50	≥98	0.2-0.4/72
TNJD114-I	20000-24000	14	8.86	4.30	13.0	20-80	<50	≥98	0.4-0.6/72
TNJD126-I	26000-32000	126	9.8	4.35	13.0	20-80	<50	≥98	0.4-0.6/72
TNJD144-I	36000-40000	144	11.2	4.60	13.2	20-80	<50	≥98	0.4-0.6/72
TNJD160-I	40000-44000	160	12.44	5.00	13.4	20-80	<50	≥98	0.6-0.8/72
TNJD196-I	40000-48000	196	15.24	5.20	13.6	20-80	<50	≥98	0.6-0.8/72
TNJD220-I	55000-65000	220	17.11	5.40	13.8	20-80	<50	≥98	1.0-1.2/72
TNJD90-I/2	32000-37000	90x2	7.00x2	3.70x2	12.8	20-80	<50	≥98	0.2-0.4/72x2
TNJD102-I/2	36000-42000	102x2	7.93x2	3.90x2	12.8	20-80	<50	≥98	0.2-0.4/72x2
TNJD114-I/2	40000-48000	114x2	8.86x2	4.30x2	13.0	20-80	<50	≥98	0.4-0.6/72x2
TNJD126-I/2	52000-64000	126x2	9.80x1	4.35x2	13.0	20-80	<50	≥98	0.4-0.6/72x2
TNJD144-I/2	72000-80000	144x2	11.20x2	4.60x2	13.2	20-80	<50	≥98	0.4-0.6/72x2
TNJD160-I/2	80000-88000	160x2	12.44x2	5.00x2	13.4	20-80	<50	≥98	0.6-0.8/72x2
TNJD196-I/2	80000-96000	196x2	15.24x2	5.20x2	13.6	20-80	<50	≥98	0.6-0.8/72x2
TNJD220-I/2	110000-13000	17.11x2	17.11x2	5.40x2	13.8	20-80	<50	≥98	1.0-1.2/72x2

Note: The diameter of column pipe nominal is 300mm; /2 refers to two electric fields; both dry and wet types and wet types are available; Parameters will change based on the designs, and the final parameters should be referred of drawings.

TNJD-II
Technical parameters of TNJD-II High Voltage Electrostatic Tar Precipitator

Model	Proessing Capacity	Qty Of Cellular	Sectional Of electric Field	Diameter	Length	Operating Temperature	Operating Pressure	Operating Efficient	Support Power
TNJD19-II	3000-3800	19	1.02	1.60	10.8	20-80	<50	≥98	0.1/72
TNJD24-II	3800-4600	24	1.29	1.70	10.8	20-80	<50	≥98	0.1/72
TNJD31-II	4600-5800	31	1.67	2.00	10.8	20-80	<50	≥98	0.1/72
TNJD37-II	5800-7200	37	1.99	2.10	10.8	20-80	<50	≥98	0.1/72
TNJD44-II	7500-9400	44	2.37	2.20	10.8	20-80	<50	≥98	0.15/72
TNJD64-II	9500-12000	64	3.45	2.70	10.8	20-80	<50	≥98	0.2/72
TNJD74-II	12000-15000	74	3.99	2.85	11.8	20-80	<50	≥98	0.2/72
TNJD90-II	15000-19000	90	4.85	3.10	12.8	20-80	<50	≥98	0.3/72
TNJD104-II	18000-22000	104	5.60	3.25	12.8	20-80	<50	≥98	0.4/72
TNJD114-II	22000-26500	114	6.14	3.38	13.0	20-80	<50	≥98	0.4/72
TNJD130-II	25000-30000	130	7.00	3.60	13.0	20-80	<50	≥98	0.5/72
TNJD150-II	28000-34000	150	8.08	3.90	13.2	20-80	<50	≥98	0.6/72
TNJD170-II	32000-38000	170	9.16	4.05	13.4	20-80	<50	≥98	0.6/72
TNJD196-II	38000-4600	196	10.55	4.50	13.6	20-80	<50	≥98	0.8/72
TNJD220-II	43000-52000	220	11.85	4.80	13.8	20-80	<50	≥98	1.0/72
TNJD248-II	48000-58000	248	13.36	5.00	14.0	20-80	<50	≥98	1.2/72
TNJD276-II	54000-65000	276	14.87	5.30	14.0	20-80	<50	≥98	1.2/72
TNJD300-II	60000-70000	300	16.16	5.40	14.1	20-80	<50	≥98	1.5/72
TNJD346-II	60000-80000	346	18.64	5.80	14.6	20-80	<50	≥98	1.5/72
TNJD388-II	80000-90000	3878	20.29	6.00	15.0	20-80	<50	≥98	1.5/72
TNJD400-II	85000-95000	400	21.55	6.20	15.0	20-80	<50	≥98	1.8/72

Note: The in-circle diameter of honeycomb tube in this series is 250 mm; Parameters will change based on the designs, and the final parameters should be referred to drawings.



Coal Gasification ESP



Pitch Fume ESP



Sludge Pyrolysis and Gasification ESP



Biomass Gasification ESP



Waste Pyrolysis and Gasification ESP



Biomass Direct-fired ESP

Customized Tar ESP
Customized Wet ESP, Oil Mist ESP

