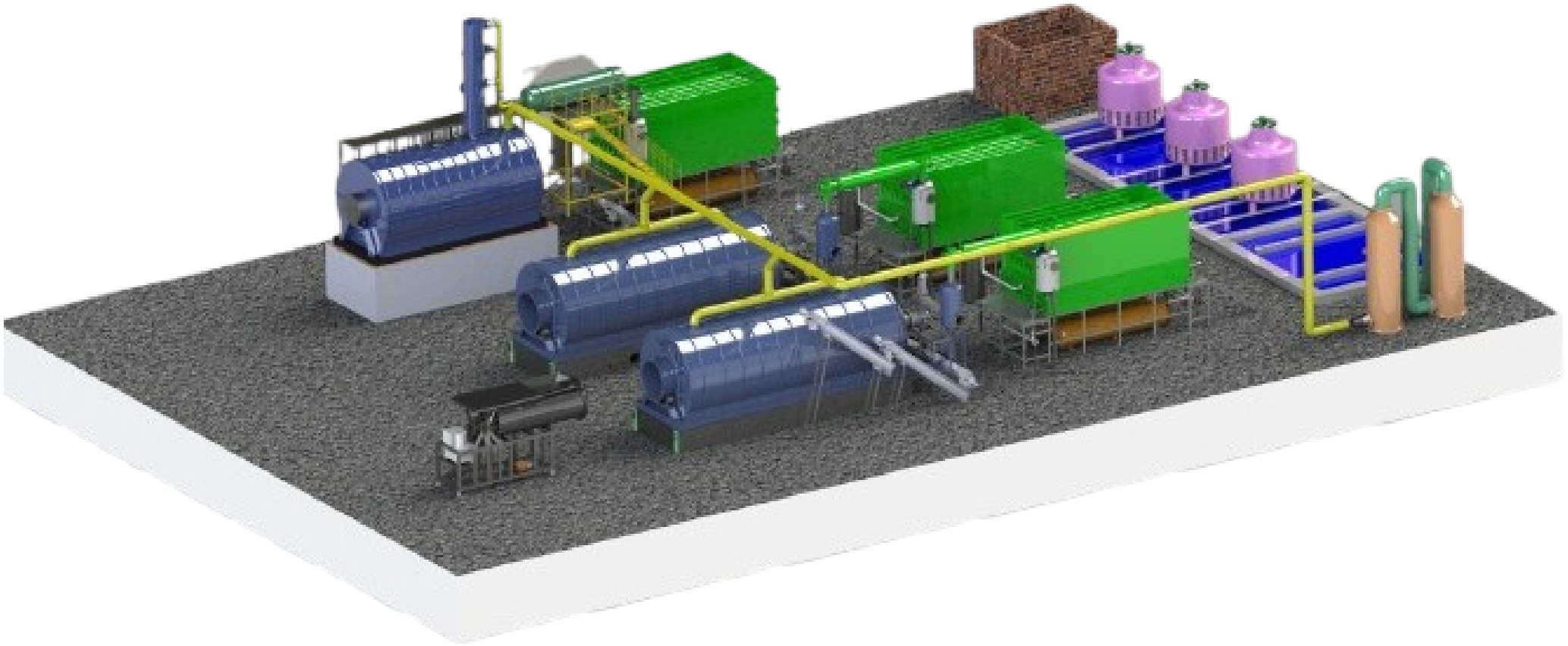
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Waste to Fuel Catalytic Conversion Technology

WFCC Model F15

TECHNICAL DATA SHEET

INPUT - Waste types: Tires, Plastic (LDPE, HDPE, PP, PS)
OUTPUT - Fuel types: Combustible gas, liquid fuel oil
OUTPUT - Solid: Carbon black, steel wire



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FUNCTION

Tire WFCC Technology is well a developed technology, which offers a practical solution to waste recycling. Unlike landfill or incineration of wastes that causes serious environment pollution and consumes a lot of social resources, catalytic reaction converts wastes into fuel oil and other useful products (carbon black, steel wire, combustible gas). The production process is safe and reliable, and cause no pollution under well controlled environmental devices.

WFCC business is easy to start. You could begin in a small scale with a processing capacity of 5,400 tons per year, or any larger scale such as 14,400, 21,600, 28,800, 36,000 tons per year and even larger.

Whether you're individual business, medium or large enterprises, municipal projects, the right solution can be found to meet your needs.

PARAMETERS

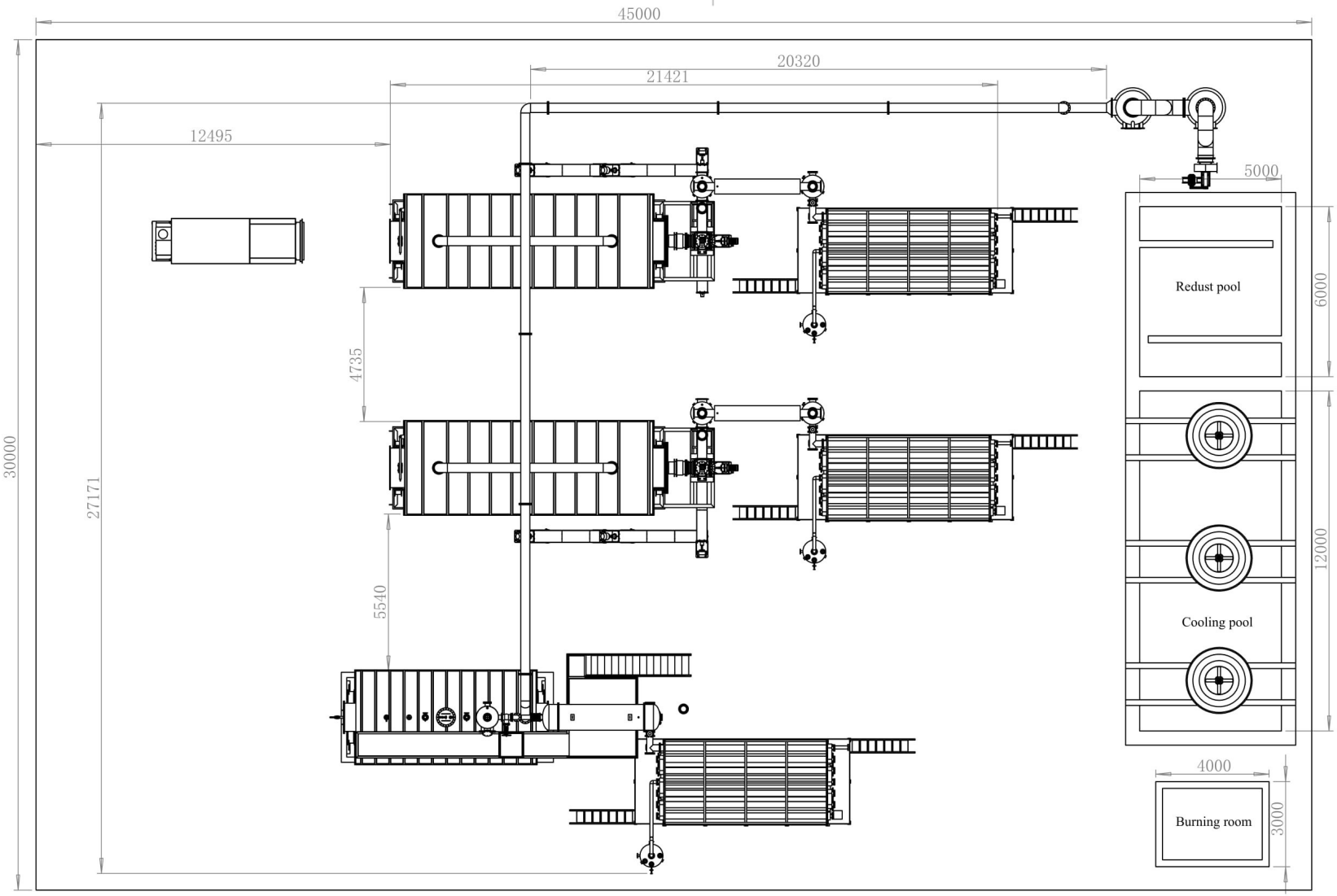
Product Model	Model F15
Overall Dimension	35m*11m
Total Weight	45,000 kg
Working Mode	Batch Type
Average Power	15 KW
Power Voltage	380v
Unit Loading Volume	50 M_3 Average Loading
Capacity	15,000 kg (tires) 12,000 kg (plastic)
Average Liq.Fuel Yield	40% (tires) 50% (plastic)
Electricity Consumption	360 Kwh/Batch Fuel
Consumption	32 m3 Comb.Gas

Note: The electricity, fuel and hot water (required for heating) used in the facility are supplied from the facility's own outputs.

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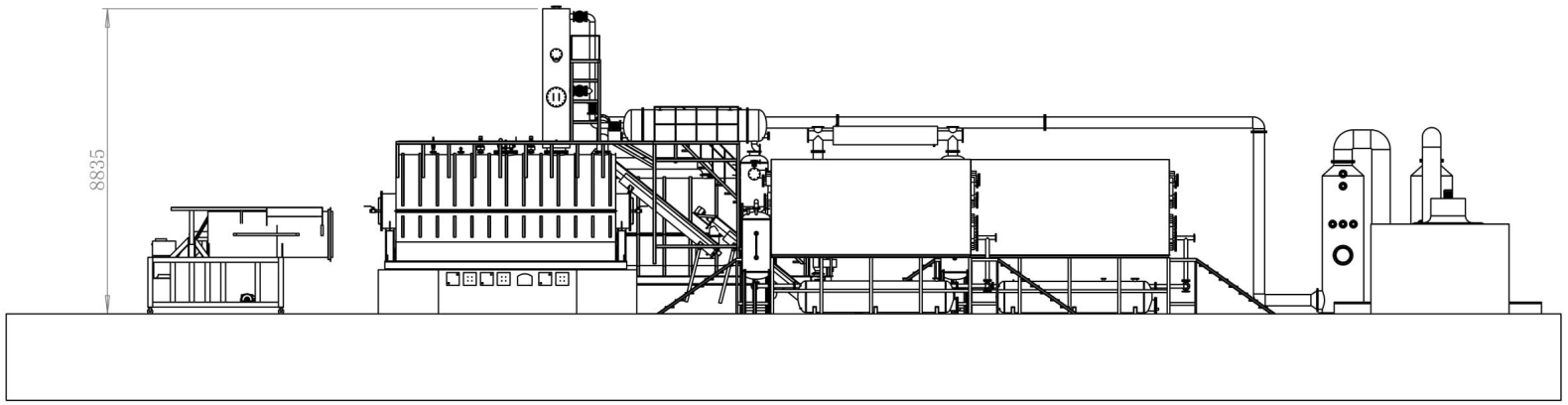
WFCC Model F15



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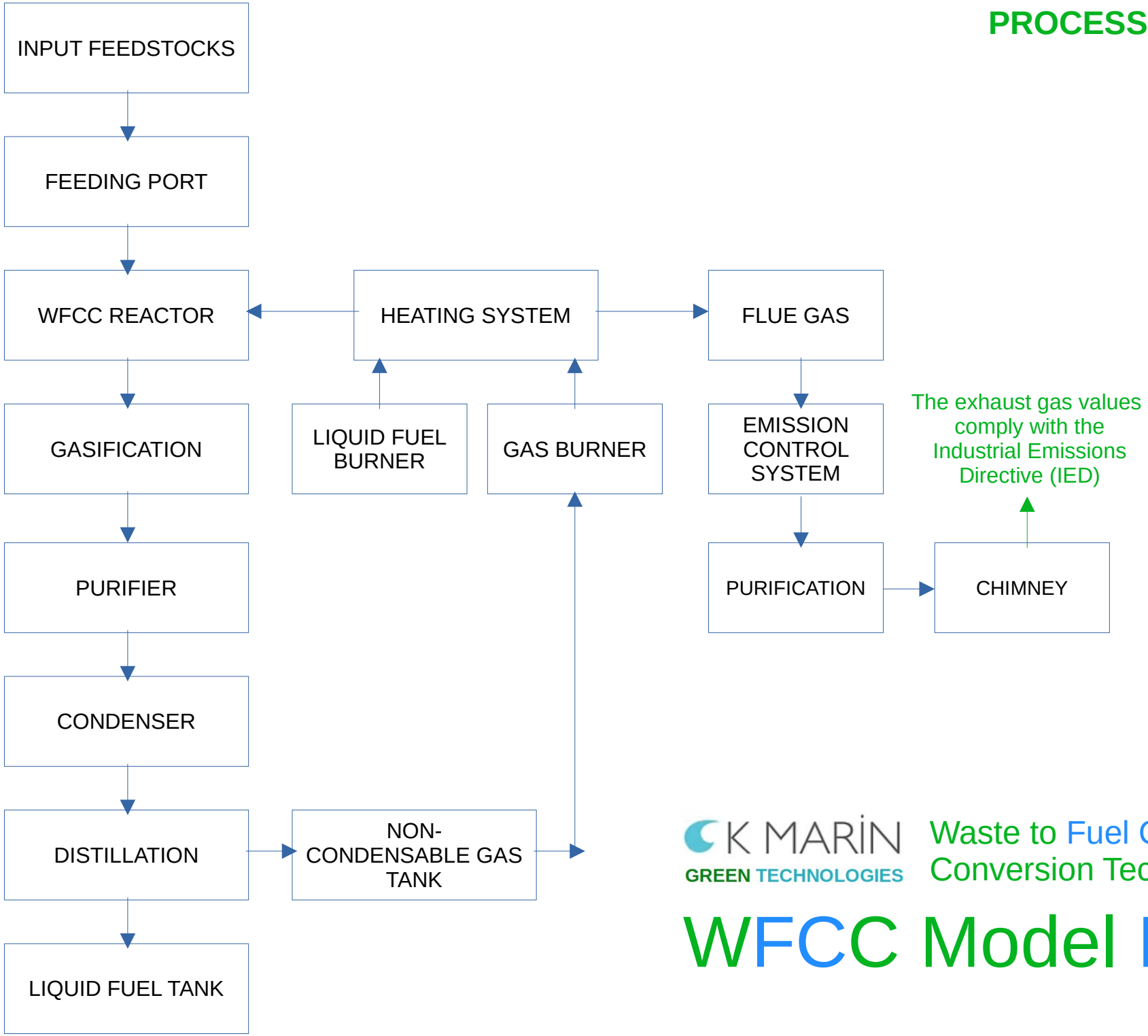


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PROCESS FLOW



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WFCC Model F15

PROCESS FLOW

PROCESS LINE

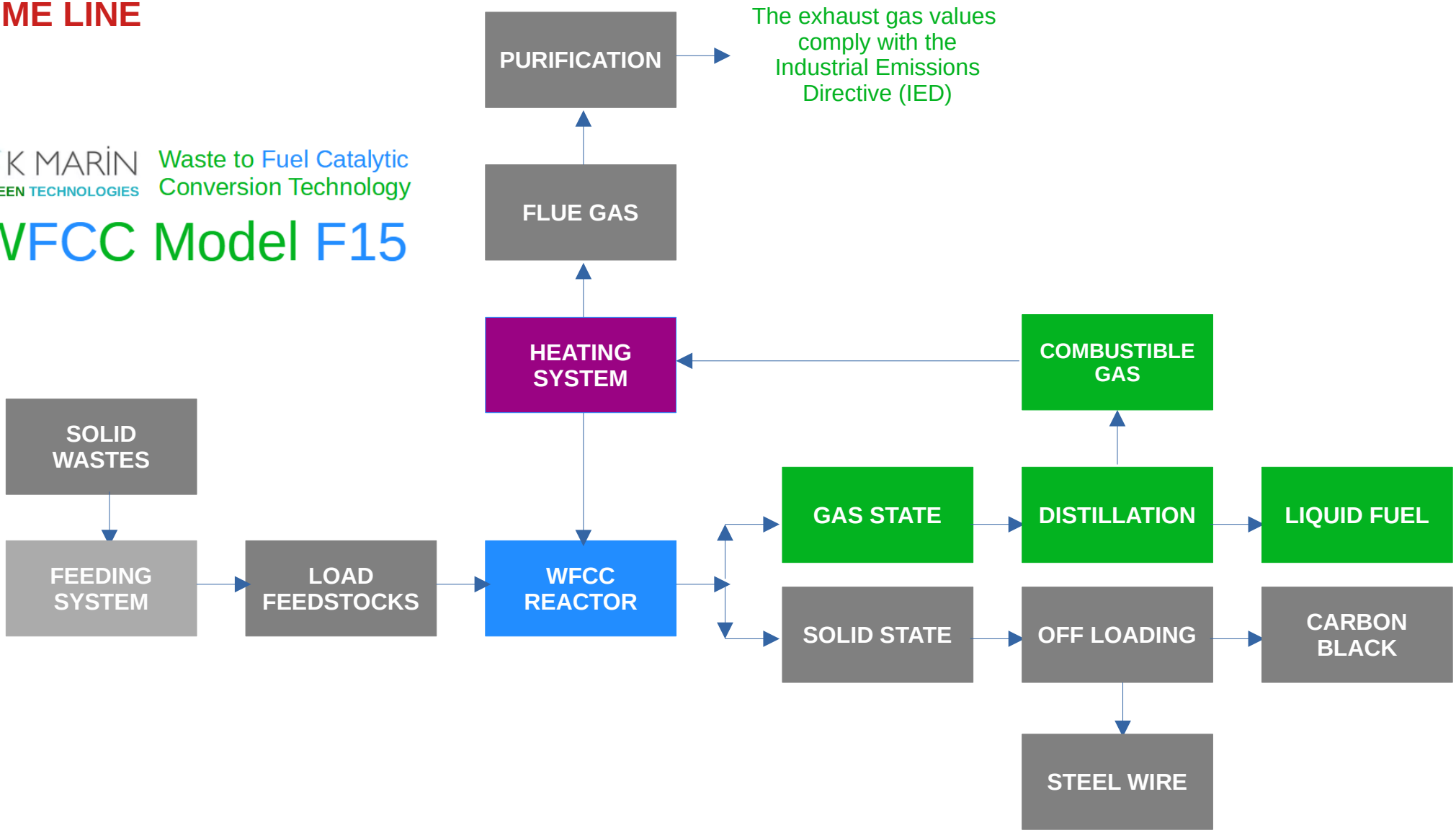
Loading raw material into WFCC reactor using hydraulic feeder.	Heating WFCC Reactor and producing fuel.	Cooling time after Fuel production is finished.	Offloading carbon Black from WFCC reactor.	Offloading steel Wire from WFCC reactor
2-3 h	**11-13 h**	**4 h**	**2 h**	**0,5 h**

TIME LINE

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Waste to Fuel Catalytic Conversion Technology

WFCC Model F15



FEATURES



MODULAR DESIGN

Modlar design makes it super easy assemble on site. What's more, it's easier to expand the capacity in a later phase.



EASY TO INSTALL

The equipment is pre-assembled while delivered. It saves a lot of onsite works and makes installation easier.



100% RECYCLE

Used tires & plastics are 100% recycled into usable products of fuel oil, carbon black and steal wires, all with marketing value.



SAFE OPERATION

Safety is on the top, guaranteed by reasonable design, high quality material, professional manufacturing and reliable service.



ENVIROMENTAL FRIENDLY

No pollution is generated from the production due to efficient effect of emission control system.

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