

Research & Innovation

School of Mechanical Engineering

FOR FURTHER DETAILS,
PLEASE CONTACT:

BUSINESS UNIT

SCHOOL OF MECHANICAL ENGINEERING
ENGINEERING CAMPUS
UNIVERSITI SAINS MALAYSIA
14300 NIBONG TEBAL
PENANG
MALAYSIA

TELEPHONE

+604-599 6309 / 5982 / 5860 / 6337

FACSIMILE

+604-599 6912

EMAIL:

mebusiness@usm.my

WEBSITE:

<http://mebusiness.eng.usm.my>

INDUSTRIAL TORREFACTION SYSTEM

● BRIEF DESCRIPTION OF THE PRODUCT

The product can torrefied wood chip, coconut shell, rubber seeds and paddy. It can produce torrefaction materials capacity 100kg/hour and has heating value 22 MJ/kg.



● APPLICATION & BENEFIT OF THE PRODUCT

The torrefied material can be converted to pellets and briquettes for feeding furnaces and combustion for heating.

● TARGET GROUP

Industries that produce pellets, briquettes, boiler and manufacturing

● COST

Negotiable

● LEAD TIME FOR PRODUCT FABRICATION

6 to 8 Weeks

RESEARCHER

Professor Zainal Alimuddin Zainal Alauddin
(Email: mezainal@usm.my)