



# Biogreen®

THERMOCHEMICAL CONVERSION PROCESS FOR BIOMASS AND WASTE

## USED TYRES RECYCLING

USED TYRES



SHREDDING -> metal part



GRINDING -> granulates



# Biogreen®

## Pyrolysis System patented



ENERGY

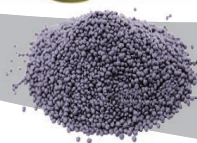
GAS

LIQUID

SOLID



CRUDE OIL  
or FUEL



CARBON  
BLACK

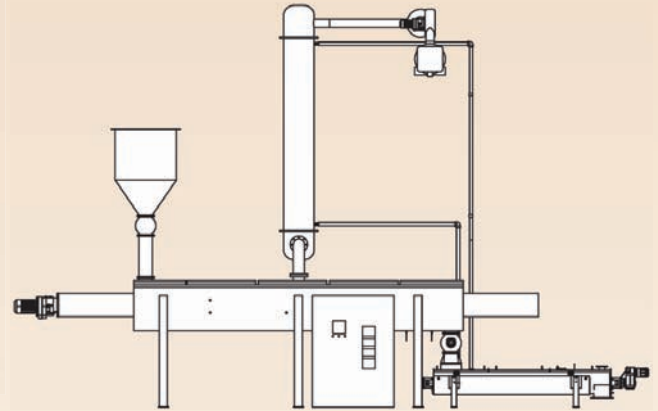


[www.biogreen-energy.com](http://www.biogreen-energy.com)



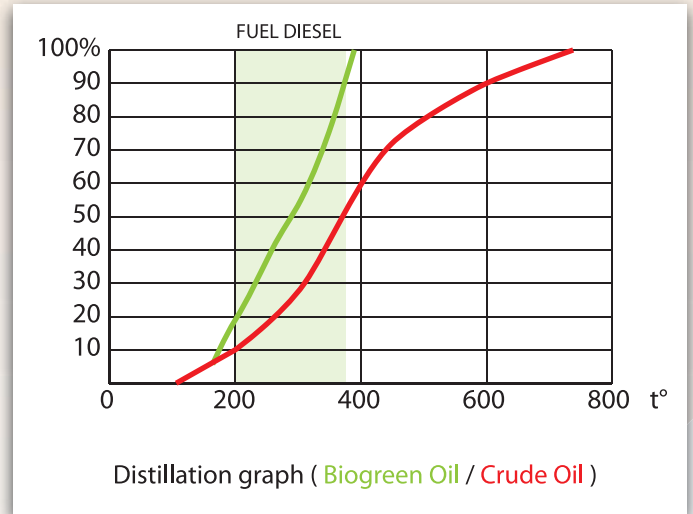
Internal view of the pyrolyzer

A smart interface allows to control treatment parameters



TYPE	kg/h
BT30	10
BRG120	300
BRG250	500
BRG500	1000
BRG750	1500

	Biogreen Oil	Carbon black
Yield (w/w) of inlet	Up to 40%	44%
LHV (GJ/ton)	39	30
Density	0,960	0,38
Ashes	0,051%	19,2%
C	85,7%	78%
H	9,8%	1,26%
O	3,6%	<0,2%
N	0,6%	0,31%
S	0,978%	2,8%
Cl	0,024%	760 ppm
Flash point	84°C	-
Viscosity @ 20°C	11,91 mm <sup>2</sup> /s	-
Viscosity @ 20°C	4,48 mm <sup>2</sup> /s	-
BET	-	40 m <sup>2</sup> /g



Our pilot test units and labs are available in France and USA

For more information please contact : [contact@etia.fr](mailto:contact@etia.fr) or visit our website.

