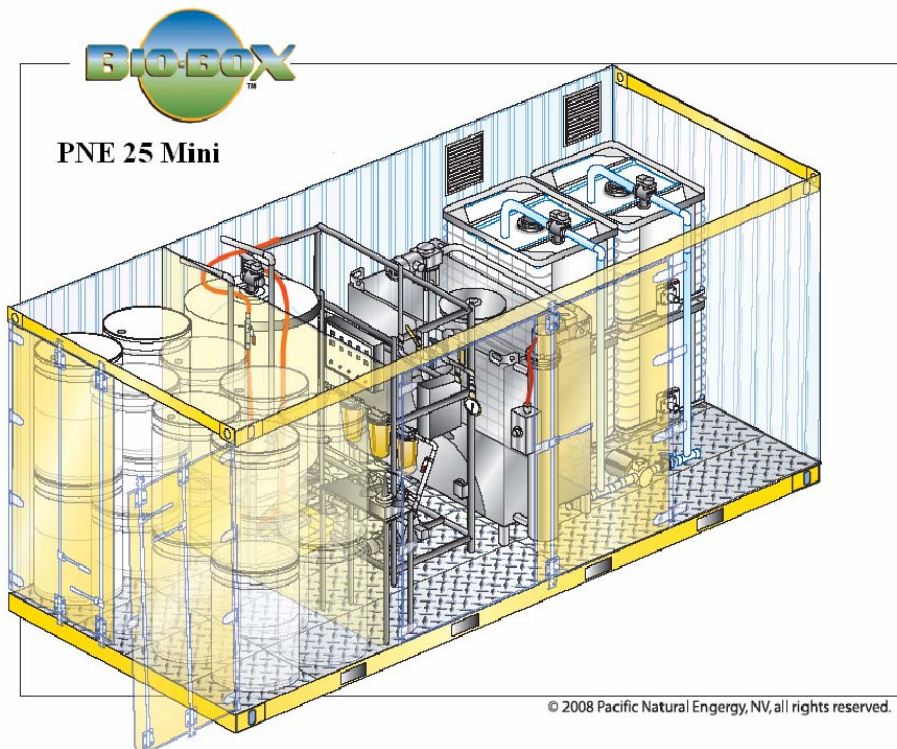


PNE 25 Mini

Pacific Natural Energy would like to present you an innovative and revolutionary way to turn your feedstock “Waste Vegetable Oil” (WVO) into ASTM-compliant biodiesel. Our company will supply processing reactors and fluid storage systems for a complete biodiesel production facility. For your reasonable investment, you will gain the ability to produce biodiesel extremely cost-effectively, allowing a generous profit margin. This will enable your investment to be returned to you in a relatively short time period.

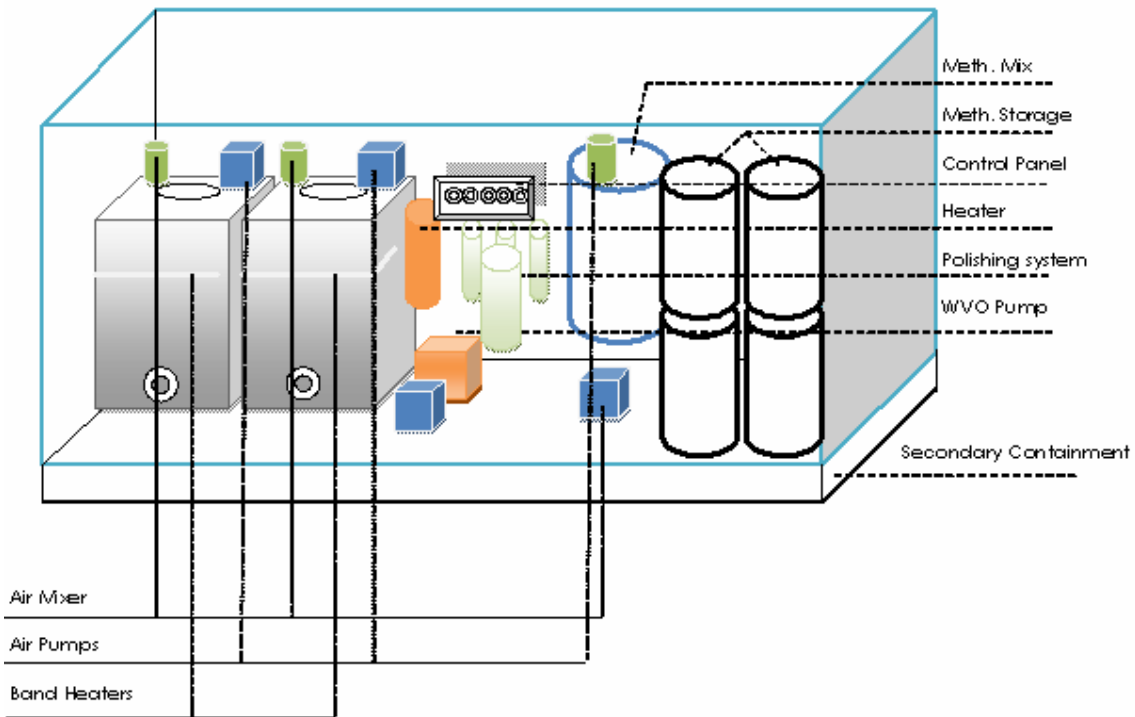


You asked for it and now we provide it. PNE has spearheaded a mid-scale biodiesel production era. However, mid-scale still requires significant equipment and relatively large capital investments. So, we went back to the drawing board and engineered a new line of processors that will suit the needs of an entry-level commercial-scale biodiesel producer. By condensing all the aspects of our larger facilities into 1 – 20’ cargo container, there are now no more excuses.

Biodiesel in a box, the BioBox, ties all facets of biodiesel production, including the storage of methanol, waste vegetable oil, and the biodiesel reactor, into one easy-to-use package. Pacific Natural Energy's BioBox 25 comes housed in a hazmat container which is one of our crowning design technologies. There are several other biodiesel processors on the market that neglect the safety measures PNE has included in the design of the BioBox.



- The PNE 25 – Mini (Mini) ties all the elements of a biodiesel factory into one 20 ft Hazmat container.
- This new design contains two stainless steel 550-gallon reactor tanks, methoxide mixer, centrifugal polishing, and methanol storage.
- Stand-alone tanking (10 - 275 gallon totes) system for dewatering, filtering and heating of WVO for entry into the Mini.
- The BioBox enables the user to process renewable feedstock into ASTM-grade biodiesel affordably and efficiently.
- This BioBox contains everything you will need from start to finish to start producing ASTM biodiesel today!



Specifications

Container Size	20 ft Cargo / Hazmat Container
Fire Rating	2-hour
Power	Single Phase – 240 volt
Maximum Power Draw	50KW
Electrical Components	Class 1 Division 2
Compressed Air	Requires 25 cfm
Gross Weight	15,000 lbs
Reactor Tanks	2 – 304 Stainless Steel
Tank Capacity Each / Total	550 Gallons / 1100 Gallons
Centrifuge	Yes - Separator
ASTM Grade Daily Output Min/Max *	400 Gallons / 2,400 Gallons
Monthly Output Min/Max **	20,000 Gallons / 72,000 Gallons
Yearly Output Min/Max ***	146,000 Gallons / 876,000 Gallons
Secondary Containment	1,000 Gallons

* Minimum daily output based on 1 – 8 hour batch, maximum daily output based on 3 – 8 hour batches

** Monthly Output based on 30-day-per-month production schedule

*** Yearly Output based on 365-day production schedule

**** Available using WATER WASH method only

Pricing and Payment Info

Pricing Terms

Cost Summary

<u># of Items</u>	<u>Description</u>	<u>Cost</u>
1	PNE 25 – Mini BioBox - 20 ft. Hazmat Cargo Container - Max biodiesel output (8-hour time period) - 800 gal of B100	\$200,000
1	Air Compressor - 185 cfm - Biodiesel Powered	\$12,000
1	Generator - 50 kW Single Phase - Silent Biodiesel Powered	\$15,000
200	WVO Collection Bins - 55 gallon WVO bins	\$16,000
15	Large WVO Collection Bins - 350 gallon WVO collection bins	\$10,000
1	Vacuum Suction Tanker - 400 gallon vacuum suction tank	\$7,500

Total Cost = \$260,500 USD