

## Item 4108. 60 MTPD Deodorizer System (Kingston, Jamaica) Equipment Photos and Details

SELECTED PHOTOS ONLY – NOT COMPLETE LISTING

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**Description:** Stainless steel deodorizer and physical refining system rated for 60 mtpd (5,500 #/hr). Two deodorizing/refining units, deaerator, scrubber system. Designed by Electrotecnia del Caribe, Barranquilla, Colombia.



**4115. Deodorizer vessel #1** Stainless Steel. Has 2 compartments. Top compartment has heating coils, 5 sections, and 5 Mammoth type pumps.

Top compartment flows to second compartment with heating coils, stripping steam and one Mammoth type pump. Approx size 10 ft dia x 16 ft tall

**4123. Deodorizer #2**

Deodorizer #2, stainless steel with one compartment consisting of 5 sections, each with its own Mammoth pump. Approx size 10 ft dia x 10 ft tall



**4114. Deaerator**

Deaerator tank. Approx size 3 ft dia x 8 ft tall



**4116. Scrubber**

Stainless steel scrubber, insulated. Approx size 4 ft dia x 12 ft tall



**4109. Shell & Tube Heat Exchanger**

Shell & tube heat exchanger for thermal oil heating of edible oil. Thermal fluid on shell side, oil on tube side. Approx size 2 ft dia x 12 ft long



**4122. Spiral heat exchanger**

Spiral economizer heat exchanger, oil to oil. Approx size 2 ft tall x 3 ft dia, on stand approx 2 ft off ground.



# Complete Listing

CLICK on any link for Photo

## [4108. 60 MTPD Deodorizer System](#)

Stainless steel deodorizer and physical refining system rated for 60 mtpd (5,500 #/hr). Two deodorizing/refining units, deaerator, scrubber system. Designed by Electrotecnia del Caribe, Barranquilla, Colombia. Uses Thermal Fluid mineral oil for heating.

## [4115. Deodorizer #1](#)

Deodorizer vessel #1. Stainless steel. Has 2 compartments. Top compartment has heating coils, 5 sections, and 5 Mammoth type pumps. Top compartment flows to second compartment with heating coils, stripping steam and one Mammoth type pump. Approx size 8 ft dia x 21 ft tall.

## [4123. Deodorizer #2](#)

Deodorizer #2, stainless steel with one compartment consisting of 5 sections, each with its own Mammoth pump. Approx size 10 ft dia x 16 ft tall

## [4114. Deaerator](#)

Deaerator tank. Approx size 3 ft dia x 11ft tall (450 gallons)

## [4116. Scrubber](#)

Stainless steel scrubber, insulated. Approx size 4 ft dia x 13 ft tall

## [4112. Steam Manifold](#)

Steam supply manifold

## [4111. Mammoth Pump Manifold](#)

Steam header for distributing steam to Mammoth pumps in Deod 1 and Deod 2

## [4122. Spiral heat exchanger](#)

Spiral economizer heat exchanger, oil to oil. Approx size 3 ft tall x 5 ft dia, on stand approx 3 ft off ground.

## [4110. Distillate Manifold](#)

Distillate recirculating manifold. Six sets of recirculating lines with orifice plates for quenching volatiles in the scrubber system.

## [4109. Shell & Tube Heat Exchanger](#)

Shell & tube heat exchanger for thermal oil heating of edible oil. Thermal fluid on shell side, oil on tube side. Approx size 2 ft 6 in dia x 11 ft long