

## Item 4897 Bleach Plant - System (Kingston, Jamaica)

Rated at 44 MTPD Soybean / 60 MTPD Palm Oil

SELECTED PHOTOS ONLY – NOT COMPLETE LISTING [www.s4mEquipment.com](http://www.s4mEquipment.com)

**Description:** Batch Bleach system designed for 44 MTPD of soybean or 66 MTPD palm oil - designed for batch operation. Has 2 bleachers (carbon steel) with top entering sweep agitators, stainless steel deaerator contactor tank, 2 Lochem (AMA) vertical shock filters, 3 ss slurry tanks. Will need controls and instrumentation updated – we can provide this service. See schematic on last page of this flyer.

This is a small footprint system occupying approximately 20 ft x 35 ft. on 2 levels. Tanks also are available as an option.



### Items 5083 & 5084

#### **Bleach Vessels**

Two vertical carbon steel tank with top entering slow sweep agitator, insulated.

Top manhole, dish top, 60 degree cone bottom, on legs.

Approx size 8 ft dia x 12 ft tall, approx capacity 4500 gallons.



**Item 5083 & 5084 .Bleach Vessel**

Two (2) - Vertical carbon steel tank with top entering slow sweep agitator, insulated. Top manhole, dish top, 60 degree cone bottom, on legs. Approx size 8 ft dia x 12 ft tall, approx capacity 4500 gallons. Used as Bleach Vessel #1 & #2



**Item 4129 .Filter, Vertical Shock Type**

Two (2) Vertical pressure leaf type filters with stainless steel vertical screens. Dry cake discharge, with vibrator to clean filters. Made by LFC Lochem, The Netherlands. Built 1996. Model MVDCO1100/1250/20/11, serial P9601/0867A, ASME pressure vessel Section VII. Working pressure 6 bar, test pressure 9 bar. Includes actuated drop valve. Size approx 1100 mm dia x 1250mm tall, filtration area = 20 sq meters or 215 sq feet. Has a complete set of (11) filter leaves.



**Item 4128 .Deaerator Tank**

Stainless steel vertical tank - deaerator tank for filtered bleached oil. Approx size 3.5 ft dia x 6 ft tall, insulated - capacity approx 57 cu ft. or 400 gallons. Dish top, dish bottom, vacuum vessel.



**Item 4127 .Slurry tank 1**

Slurry tank, stainless steel. Flat top, dish bottom.. Approx size 4 ft dia x 4.5 ft tall on 3 ft (350 gallons), on legs

**Item 4125 .Slurry Tank 2**

Slurry tank, stainless steel with flat top, dish bottom, hinged lid. Approx size 4 ft dia x 4.5 ft on 3 ft legs (350 gallons). Top entering agitator Diatomaceous earth slurry tank.

**Item 4124 .Slurry Tank 3**

Slurry tank, stainless steel with flat top, dish bottom, hinged lid. Approx size 3ft-6in dia x 4.5 ft on 3 ft legs (270 gallons) Top entering agitator. Filter precoat tank.



**Item 5090 .Vacuum Steam Ejector**

Single stage steam ejector and barometric condenser - for bleach system



**Terms:** All equipment is sold As Is Where Is. The Bill of Sale will be between seller and the buyer. Description of the equipment - especially those relating to capacity, size, or condition - are stated as clearly as possible for information to the buyer or observer. The descriptions and representations cannot be taken as accurate. The buyer has the sole responsibility to determine size, capacity, capability, suitability, condition, or any other attribute pertaining to the piece of equipment represented or purchased. The assets are sold "As Is", "Where Is" and "with all faults" and except as explicitly stated in the Bill of Sale. All warranties, including, without limitation, the warranties of merchantability, quality, and fitness for a particular purpose are hereby expressly excluded. Seller makes no representations or warranties as to design, condition, capacity, performance, or any other aspect of the asset.

# Complete Listing

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## [Item 4897 .Bleach System 44TPD](#)

Bleach system designed for 44 MTPD of soybean or 66 MTPD palm oil. Designed for batch operation. Has 2 bleachers carbon steel with top entering agitators, stainless steel deaerator contactor tank, (2) Lochem (AMA) vertical shock filters, 3 ss slurry tanks. Will need controls and instrumentation updated.

## [Item 5084 .Bleach Vessel](#)

Vertical carbon steel tank with top entering slow sweep agitator, insulated. Top manhole, dish top, 60 degree cone bottom, on legs. Approx size 8 ft dia x 12 ft tall, approx capacity 4500 gallons. Used as Bleach Vessel #2

## [Item 5083 .Bleach Vessel](#)

Vertical carbon steel tank with top entering slow sweep agitator, insulated. Top manhole, dish top, 60 degree cone bottom, on legs. Approx size 8 ft dia x 12 ft tall, approx capacity 4500 gallons. Used as Bleach Vessel #1

## [Item 4129 .Filter, Vertical Shock Type](#)

Two (2) Vertical pressure leaf type filters with stainless steel vertical screens. Dry cake discharge, with vibrator to clean filters. Made by LFC Lochem, The Netherlands. Built 1996. Model MVDCO1100/1250/20/11, serial P9601/0867A, ASME pressure vessel Section VII. Working pressure 6 bar, test pressure 9 bar. Includes actuated drop valve. Size approx 1100 mm dia x 1250mm tall, filtration area = 20 sq meters or 215 sq feet. Has a complete set of (11) filter leaves.

## [Item 4127 .Slurry tank 1](#)

Slurry tank, stainless steel. Flat top, dish bottom.. Approx size 4 ft dia x 4.5 ft tall on 3 ft (350 gallons), on legs.

## [Item 4125 .Slurry Tank 2](#)

Slurry tank, stainless steel with flat top, dish bottom, hinged lid. Approx size 4 ft dia x 4.5 ft on 3 ft legs (350 gallons) Top entering agitator . Diatomaceous earth slurry tank.

## [Item 4124 .Slurry Tank 3](#)

Slurry tank, stainless steel with flat top, dish bottom, hinged lid. Approx size 3ft-6in dia x 4.5 ft on 3 ft legs (270 gallons) Top entering agitator. Filter precoat tank.

## [Item 4126 .Screw Conveyor](#)

Screw conveyor used for spent bleaching earth. Approx 15 ft long

## [Item 4128 .Deaerator Tank](#)

Stainless steel vertical tank - deaerator tank for filtered bleached oil. Approx size 3.5 ft dia x 6 ft tall, insulated - capacity approx 57 cu ft. or 400 gallons. Dish top, dish bottom, vacuum vessel.

## [Item 5090 .Vacuum Steam Ejector](#)

Single stage steam ejector and barometric condenser - for bleach system

## [Item 5085 .Bag Filters, Duplex](#)

Duplex bag filters - used as polish filters for bleach system. Approx size each 1 ft dia x 3 ft tall.

## [Item 4130 .Boil out tank](#)

Carbon steel boil out tank for bleach filters. Approx size 6 ft x 3 ft deep x 4 ft tall (450 gallons)

Note: Pumps are furnished if available, and would have to be rebuilt – it may be better to purchase new ones for this system