



Machinery for the Woodworking, Stone, Glass, Plastic, and Metalworking Industries



Date : 06/02/2023 - 12:10 AM *
EXF # : PB-010420
Category : PLANTS & BUSINESSES
Brand / Model : DYNAMOTIVE "70 TPD"
Machine Type : BIO-OIL MFG. & POWER PLANT
Year of Mfg. : 2005
Condition : Excellent condition
Elect / Voltage : 575 V, 60 Cy, 3 Ph.
Special Note : Hard to Find

FOB / Region : EASTERN CDN
Appr. Repl. Cost. : \$ 50,000,000
Price : \$ 0 *
Comment : One of Ex-Factory's best opportunities direct to y
Leasing : Contact NCL for quote

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* Pricing is valid at the time of printing and subject to change at any time.

Description :

- 70 TPD DYNAMOTIVE Bio-Oil Manufacturing and 2.5 MW Power Generation Plant;
Complete with the following major components:
BRUKS Grinder/Hammermill Metal detector.
ONIX Biomass Energy System complete (never used).
Solid fuel Storage/Feed.
HURST Heat Recovery Boiler 400 HP.
Stainless Boiler Exhaust Stack.

Sales - Liquidations - Auctions - Appraisals - Consulting



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- **MAC Dust Collector/hi-temp Baghouse-STY-III.**
- **FINTUBE TECHNOLOGIES Economizer.**
- Numerous Silos.
- **ALLWELL Fluid Bed Reactor (60,000 lbs. stainless)**
- **DUCON Electrostatic Precipitator (ESP).**
- **ORENDA/MAGELLAN AEROSPACE 2.5 MW Turbine – Power Plant to Grid (Only 117 hours!).**
- Diesel/Bio-Oil Fuel Preparation Module (60,000 lbs.).
- **SIMONEAU 400 HP Boiler.**
- **Glycol System.**
- Stainless Insulated Tanks (15,000 gal).
- CLEMMER Double-Wall Fuel Tank (6,600 gal).
- Vertical Propane Storage.

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EX-FACTORY INC.: 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068
Warehouse & Showroom: 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328



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- **GE Main Breaker**
- **GE 3000 KVA and 1400 KVA Transformers.**
- **CALORITEC CCI Thermal Circulation Heater.**
- All MCCs, associated Pumps, Motors, Electrical Components.

NOTES: Despite the commissioning of this plant in 2005 at a cost of **45 million Canadian dollars**, it has only operated a short time with many items such as the power generation plant operating only days.

● The generator has been turned regularly to prevent warp. ● This plant must be moved offsite. ● Production is 70 tons of bio oil per day with 100 tons of woodwaste. Also, there is a 15 Ton yield of Char and 15 Tons of gas which can be used in reactor burner! The operation is very energy efficient. ● The facility was previously known as the Dynamotive Bio-Oil Company located near London, Ontario Canada. ● A tremendous opportunity offered exclusively by Ex-Factory. ● See literature for more.

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