AROMEN ENGINEERING COMPANY (PRIVATE) LIMITED
*(An ISO 9001:2008 Certified Company)*
167, Aromen Industrial Estate, Thirumalayampalayam Post,
Kaliyapuram Rd., Coimbatore, Tamil Nadu, India– 641 105,
Phone: +91- 422-2656495, 2656496
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E-mail:aec@aromenengg.com, mail2aromen@gmail.com
Website: www.aromenengg.com, www.aromen.in
CST No: 628355 IAC 101, IEC: 3203009960, TIN: 33711920980 RC: AACCS4397 DFT001

## AROMEN ENGINEERING COMPANY (PRIVATE LTD), INDIA

We, Aromen Engineering Company (P) Ltd are a leading name in the sugar mill industry. We are engaged in designing, manufacturing, supplying and erection of boiling house machineries and equipments for sugar mills. We also have a good name in this sector with established sugar mills in India. We are also known for our prompt supply of machineries to its desired destination. Our company is capable of producing all types of equipments related with sugar and cement machineries. We have a specialized group of structural engineers/consultants to design all types of structural, Crane Bridge, trolleys and other heavy equipments.

Established in the year 1984, Aromen Engineering Company (P) Ltd is well running under the directorship of Mr. R.K. Menon. Being a mechanical engineer and having over 37 years of experience in sugar and cement field, he is the person who, with the help of other employees, bring our company at this stage.

We are serving all our customers with our full dedication and satisfactorily services.

## OUR MISSION

We are a popular name in the sugar mills sector. We have the mission to satisfy our customer requirements and their needs. We are devoted to our work so that giving our customers a long life service with full reliability and durable machineries. Our mission is to give full comfort to our customers. We manufacture and design our equipments with reliability in the supply, keeping in view the quality of the equipments and machineries. We are also very attentive in designing parameters as per the customers' requirement for equipments.

Further, we have been able to cater the needs of our valuable customers during the past several years. We feel pleased to win the approbations and acclamations from them. We also attend the past-supply care and follow up check ups that might arise for the equipments, which we have designed, manufactured and supplied. Customers' satisfaction in all respect is our sole motto and mission

## TEAM

We have also a good management team with varied departments to perform well at all levels. Having a team of approx. 45 personnel, we are moving forward to give our customers' the best quality we can have at our end. These personnel are assets of our company, as without their cooperation and dedication, we are unable to reach at this height of success, where we are today.. We have our twelve personnel in our administration, who are assisting us at every stage of function of the company. We have ten skilled and fifteen un-skilled personnel who are serving themselves in the production of our products.

Our company has three personnel under quality control system and other three personnel under R & D work to make our products up to date in today's requirements. Many other personnel are on contract basis in the functioning of our company.

## MANUFACTURING UNIT

We are manufacturing the equipments and machineries for sugar mills. The raw materials used by us in our manufacturing unit are SS, M.S. C.I, G.M & C.S. materials. These materials are sourced from major steel plants. To name a few, SAIL, TATA, JINDAL and others, are our primary raw material sourced house.

Our production includes the two types of production, i.e., machine made production and handmade production. These production types are followed to give the best equipments to our customers with long life services.

Further, in our manufacturing unit, the machines which are used are well set up to give the best production. These machines are lathes, shaper, RM 65 make heavy radial type drilling machine, bending machines, hydraulic press, MIG welding, arc welding machine, planar. We also have our own warehouse, which enable us to perform us well.

## QUALITY

We are following the premium quality standards in the manufacturing of the equipments and machineries. We are following the ISO and Bureau of Indian Standard as our quality standards. At the manufacturing level, our set up quality standards is followed strictly to give our customers' the best equipments.

Our quality parameters are mainly of strength and durability of the equipments, which we follow sincerely and ensuring our customers, good working equipments for their mills.

Further, we follow various quality tests at our end to make our equipments and machineries more durable. These tests include the hydraulic, lead test, go-no gauges, welding test, MPZ test and others.

Tests are done at regular interval in the manufacturing processes. Also, these tests are followed at the time of dispatch of consignment and also when any change and modification are included in the manufacturing processes.

## GANTRY CRANES

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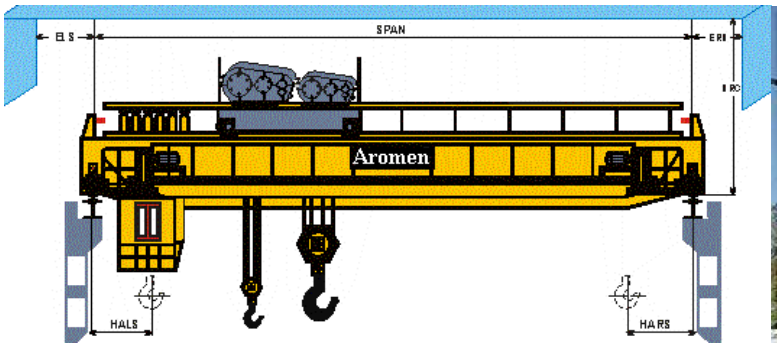
**Capacity up to 50 Tones for Handling Blocks at processing Unit**

The Industrial Gantry Crane is just like a bridge crane, has a bridge supported by vertical structures that move along tracks. Gantries are used in stone, marble, granite processing industries and shipyards.



| Capacity | Span of Beam | Lifting Height | Operational Speeds | | | Motor Power | | |
|---|---|---|---|---|---|---|---|---|
| | | | Helical Gear Reduction | | | | | |
| | | | Long Travel | Cross Travel | Lift | Long Travel | Cross Travel | Lift |
| 10 MT | 10-30 mtrs | 10-12mtrs | 10-15mtrs/min | 15-20mtrs/min | 5 mtrs/ min | 5 hp or (3 hp x 2) | 5 hp | 10 hp |
| 15 MT | 10-30 mtrs | 10-12mtrs | 10-15mtrs/min | 15-20mtrs/min | 5mtrs/ min | 7.5 hp or (5 hp x 2) | 5 hp | 15 hp |
| 20 MT | 10-30 mtrs | 10-12mtrs | 10-15mtrs/min | 15-20mtrs/min | 3 mtrs/ min | 10 hp or (7.5 hp x 2) | 7.5 hp | 20 hp |
| 30 MT | 10-30 mtrs | 10-12mtrs | 10-15mtrs/min | 15-20mtrs/min | 3 mtrs/ min | 15 hp or (10 hp x 2) | 10 hp | 30 hp |
| 40 MT | 10-30 mtrs | 10-12mtrs | 10-15mtrs/min | 15-20mtrs/min | 2 mtrs/ min | 20 hp or (10 hp x 2) | 15 hp | 40 hp |

## OVERHEAD CRANES

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It is a box like constructed structure, connected with bridge trolley that moves by motors connected to speed reducers. The Industrial Overhead Crane's structure is competently designed & strengthens by tough & stiff ribs. Placement of Crab Carriage is in the steel section consisting of special high duty motors paired with speed reducers & attached to a steel drum.

To control the smooth lifting of weight best quality Electromagnetic Brakes are attached. These industrial overhead cranes are forked revolving hooks made up of forged steel in the Block. The wire rope used is of 6 x 37 constructions. The independent Push button Control Unit controls the entire electric operation. Accident free cross & lifting operation is ensured by the Limit Switches.

We supply all type of gantry, double girder, hook-type, sling type, grab type, single girder, goliath and jib type crane for all type of industries as per their need. And our main objectives in the design of cranes are to conserve energy in terms of power consumed, fail-safe loading & unloading and also quality, *we are having group of structural consultants specialized in cane bridge designing and full fledged drawing office.*

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## Certificate of Registration

MOODY INTERNATIONAL

**This is to certify that the Quality Management System of :**

## Aromen Engineering Company (Pvt) Ltd

167,Aromen Industrial Estate,Kaliyapuram Road,
Thirumalayampalayam(P.O.),Coimbatore-641 105,
Tamil Nadu

**has been assessed and found compliant with the requirements of :**

## ISO 9001:2008

**Approval is hereby granted for registration on the proviso that the certification rules and conditions are observed at all times.**

**Certification Scope:**

Design,Manufacturing and Supply of Sugar Mill Machineries, Pollution Control Equipment like Chimney, Bag Filters, Scrubbers and Ducting, EOT Cranes and General Fabrications.

**Certificate No.:** **IPD-0218.08**

**Original Issue Date:** 9 February 2009

**Issue Date:** 9 April 2009

**Expiry Date:** 8 February 2012

Authorised Signature

**Moody International Certification Ltd.**

www.moodyint.com

UKAS QUALITY MANAGEMENT 014

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## CLIENT LIST

| S.No | Customer Name | Item | Quantity |
|---|---|---|---|
| 1 | Kothari Sugars & Chemicals, India | 25 TON, 3 Motion, 18mts Span HOOK type E.O.T crane for Mill House | 1 No. |
| 2 | Kothari Sugars & Chemicals, India | 7.5 TON, 3 Motion, SLING type E.O.T crane for with FINGER – GRAB type system for cane unloading | 2 Nos. |
| 3 | Dharani Sugars & Chemicals, India | 7.5 TON, 3 Motion, 24mts Span SLING type E.O.T crane for cane unloading | 1 No. |
| 4 | Dharani Sugars & Chemicals, India | 10 TON, 3 Motion, 24mts Span HOOK type E.O.T crane for Mill House | 1No. |
| 5 | South India Sugars, India | 10 TON, 2 Motion, SLING type E.O.T crane for cane unloading | 3Nos. |
| 6 | Ponni Sugars Ltd, India | 5 TON, 3 Motion, GRAB type E.O.T crane | 1No. |
| 7 | Sakthi Sugars Ltd, India | 10 TON, 2 Motion, SLING type E.O.T crane for cane unloading | 2Nos. |
| 8 | Dharani Sugars & Chemicals, India | 15 TON, 3 Motion, 18mts Span HOOK type E.O.T crane for Mill House | 1 No. |
| 9 | R. K Industries India | 20 TON & 10 TON, 3 Motion, 25mts Span E.O.T crane for Material Handling. | 1 No. each |

- **Current project:** 10 x 4 Ton capacity Cane unloader will structurals for M/s. Bannariamman Sugars Ltd, Shankarapuram & 5 Ton E.O.T Crane for Sunpower Cemets Ltd, Palakkad