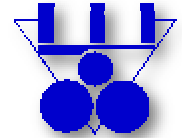


# ACIER EQUIPMENT

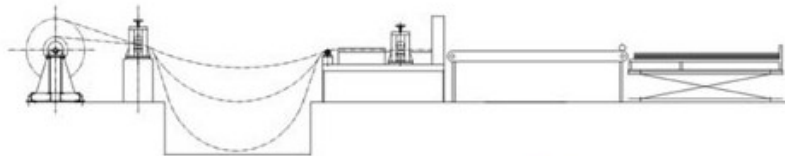


## **Rolling Mill**

2 Hi Rolling Mill for Bi-metal Strips, Skin Pass Rolling Mill  
A.C. / D.C. / EDDY Current Drive

## **Terminal Equipment**

Un-coiler, Re-coiler,  
Pinch Roll Assembly,  
Strip Straightening Machine.



## **Cut to Length**

Manual, Semi-automatic,  
automatic, with Digital Drive,  
Servo Drive, PLC Control



## **Coil Handling Equipment.**

Coil Positioner / Tilter,  
Vertical Coil Tong,  
Coil Transfer Trolley etc.

## **Machine Building**

Tailor made machines as  
per your design & specification



**MECHANICAL ENGINEERS, MACHINE BUILDING,  
DEVELOPMENT & FABRICATION WORKSHOP  
FOR COLD ROLLING & STEEL PROCESS INDUSTRIES**

B-15/16, Shanti Industrial Estate, Pokhran Road No. 1, Upvan, THANE (W) 400606 INDIA

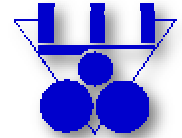
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## PROFILE

Established in 1991, **ACIER EQUIPMENT** is committed to serve metal manufacturing and its process industries. We provide customized solutions for steel coil cutting, handling, process automation etc. Also cater need of quality supply of engineering parts, tailor made assemblies to complete design, build, install and commissioned equipment. We are successful at providing high quality, robust equipment to our customer. Our innovative approach utilizing the latest materials of construction, continuous up gradation of design together with level of automation as required and up to date drives and control philosophy result in low (no) maintenance and minimal operating cost while maximizing customer satisfaction.

We adhere and believe

- in customer satisfaction,
- in quality of product and service,
- in integrity when working with our Customer.

## QUALITY POLICY

**ACIER EQUIPMENT** believes that

Quality is never an accident. It is always the result of high intentions, sincere efforts, intelligent directions & skilful executions. It represents the wise choice of many alternates.

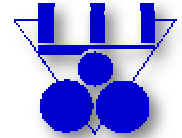
The Quality of everything we make and do brings value to our customers and justifies their decision to do business with us. We will keep improving our Quality so our customers maintain the highest level of confidence in our products and services.

## CLIENTS

We have a wide client base spread all across the home country and also in the Ethiopia, Kenya, Uganda, Tanzania, Malawi, Zambia, South Africa of the African region and Turkey. The type of industries to whom we serve are :

- Steel Plants & Cold Rolling Mills
- Non-Ferrous Metal Rolling Mills
- Galvanising Plants for strip / sheet
- Strip Process Industries & Service Units
- Bi-Metal Bearing / Strip manufacturing Units
- Cutting & Corrugating Plants for roofing sheets
- Industrial Furnace Manufacturers
- Solar Panel & Infrastructure developers

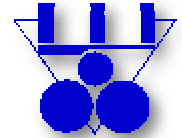
We never lose sight of the fact that the client base is the most important asset in our company.



## LIST OF MAJOR JOBS EXECUTED

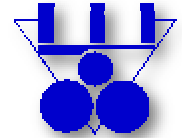
### CUT TO LENGTH LINES

- 1) **Cut to Length modification** job which includes "**Automatic Rotary Printing**" on GI sheet and relay based 'feed & cut' automation for continuous cutting cycle, at **M/s Ethiopian Steels PLC.**, Addis Ababa, **ETHIOPIA.** (Safintra / Chanderia group)
- 2) **Cut to Length Line** for GI sheet, semi automatic, with relay control, for 1000 mm width GC Sheets, with on line Rotary LOGO printing system, for **M/s D. H. Geda C I S F PLC,** Addis Ababa, **ETHIOPIA.**
- 3) **Cut to Length Line** for GI sheet, semi automatic, with relay control, for 1000 mm width GC Sheets, with on line Rotary LOGO printing system, for **M/s Bahiru Abreham C I S F PLC, (Besrat PLC)** Addis Ababa, **ETHIOPIA**
- 4) **Cut to Length Line** for GI sheet, semi automatic, with **AC Servo Roll feed unit,** Digital drive and PLC based control system, for 1000 mm width GC Sheets, with online Rotary LOGO printing system, for **M/s Semachew Demissie Investment PLC,** Addis Ababa, **ETHIOPIA**
- 5) **Cut to Length Line,** manually operated, for 1250 mm width GI Sheets, for **M/s Steel Corporation of Gujarat Ltd. (Essar Steel),** Hazira, Surat.
- 6) **Cut to Length Line** for GI sheet, semi automatic, with **AC Servo Roll feed unit,** Digital drive and PLC based control system, for 1000 mm width GC Sheets, with online Rotary LOGO printing system, for **M/s Besrat PLC,** Addis Ababa, **ETHIOPIA.** (Second machine)
- 7) **Cut to Length Line** for GI sheet, semiautomatic, with **AC Servo Roll feed unit,** Digital drive and PLC based control system, for 1250 mm width CC/CRCA/GC Sheets. The line is equipped with Hydraulic Coil Car, Hyd. Expandable De-coiler, Rotary LOGO printing, Run-out Conveyor and Hyd. Operated Scissor type stacker unit. The line is installed at **M/s Steel Base Ltd;** Blantyre, Malawi. This is one of the **Safintra Group (Chanderia Group)** company
- 8) **Cut to Length Line** for GI sheet, semiautomatic, with **AC Servo Roll feed unit,** Digital drive and PLC based control system, for 1250 mm width CC/CRCA/GC Sheets. The line is equipped with Hydraulic Coil Car, Hyd. Expandable De-coiler, Rotary LOGO printing, Run-out Conveyor and Hyd. Operated Scissor type stacker unit. The line is installed at **M/s Steel Base Ltd;** Lusaka, Zambia. This is one of the **Safintra Group (Chanderia group)** company.
- 9) **Cut-to-Length Line** for CRGO/Silicon steel strip, complete with **AC Servo Roll feed unit,** Digital drive and PLC based control system, to cut 350 mm wide Silicon Steel Sheets for **Transformer Core** manufacturing. The line is equipped with manual Expandable type De-coiler with AC Drive for Loop Control, Servo Feed Roll Unit, Pneumatic Shear Machine.



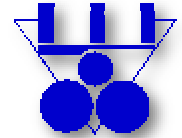
## CUT TO LENGTH LINES . . . . .

- 10) Modification of **Cut to Length Line** for HR/CRCA steel sheet, from Manual operated to Semi-Automatic Line, with DC Control, at **Shri Krishna Steel Processors Pvt. Ltd; Taloja, Mumbai**. This includes supply of Coil Car for 30 MT coil, Pinch Roll Unit and Electrical Automation with DC Drives for Pinch Roll and Leveller Unit.
- 11) **Cut to Length Line** for GI sheet, semi automatic, with **AC Servo Roll feed unit**, Digital drive and PLC based control system, for 1000 mm width GC Sheets, for **M/s Besrat PLC, Addis Ababa, ETHIOPIA. ( Third Machine installed )**
- 12) **Cut to Length Line** for GI sheet, semi automatic, with **AC Servo Roll feed unit**, Digital drive and PLC based control system, for 1000 mm width GC Sheets for **M/s Ashbate PLC, Addis Ababa, ETHIOPIA.**
- 13) **Cut to Length Line** for GI sheet, semi automatic, with **AC Servo Roll feed unit**, Digital drive and PLC based control system, for 1000 mm width GC Sheets for **M/s Gena Moges International Trading PLC, Addis Ababa, ETHIOPIA.**
- 14) **Cut to Length Line** for GI sheet, semi automatic, with **AC Servo Roll feed unit**, Digital drive and PLC based control system, for 1000 mm width GC Sheets for **M/s Nile Steel Factory, Mekelle, ETHIOPIA.**
- 15) **Cut to Length Line for Embossed sheet**, with **AC Servo Drive** and **synchronisation with Embossing machine**. It comprising of Hyd Expandable Decoiler, Over Arm, Apron table, Loop Control system, Servo Feed Roller, Down Cut Shear and Scissor Table. Machine capacity: 5 MT Coil, 1,350 mm width, 30 mtr / 30 cuts per minute. This machine is developed for **M/s Fitwel Gasket Co. (India) Pvt Ltd, Pune** to produce cut sheet for **Aluminium / SS Heat Shield** product.
- 16) **Cut to Length Line (SA-6)** for GI sheet, semi automatic line with Hydraulic Expandable De-coiler with VFD, Loop control system, AC Servo Drive for Feed Roll, Mechanical down cut shear, conveyor and complete PLC based controls. Line speed: 44MPM, for **M/s Adama Steel Factory, Adama, Ethiopia.**



## 2 Hi ROLLING MILLS

- 17) **2 Hi Skin Pass Rolling Mill** for sintered Bi-metal Strips for **M/s Hi - Bond Strips Pvt. Ltd.**, Rajkot, (Gujarat). DC Drive.
- 18) **2 Hi Rolling Mill** for Bi-metal Strip Sintering Line, as on-line mill, for **M/s Himatsu Bimet Ltd.** - Rajkot, (Gujarat). Eddy Current Drive for speed control. **Repeat order** for second mill also.
- 19) **2 Hi Rolling Mill** for Bi-metal Strip Sintering Line, as on-line mill for **M/s Prasam Enterprises,( Benara Auto Group)** - Agra (UP). Eddy Current Drive. **Repeat order** for second mill also.
- 20) **2 Hi Skin Pass Rolling Mill** for sintered Bi-metal Strips for **M/s Himatsu Bimet Ltd.**, Rajkot (Gujarat). DC Drive.
- 21) **2 Hi Rolling Mill** for Bi-metal Strip Sintering Line, as on-line mill for **M/s Guru Nanak Auto Enterprises Ltd. (GNA Auto)** Dist: Jalandhar. Eddy Current Drive.
- 22) **2 Hi Rolling Mill** for Bi-metal Strip Sintering Line as on-line mill, for **M/s R. G. Bronze Mfg. Co. Pvt. Ltd.** Chennai. Both mills with Eddy current drive. **Repeat order** for second mill also.
- 23) **2 Hi Rolling Mill** for Bi-metal Strip Sintering Line (on-line mill) for **M/s Devran Engine Bearing & Bush Pvt. Ltd. – TURKEY**. The mill is equipped with AC Vector Control Drive & with necessary digital indicators. This mill is supplied with '**CE**' compliance certificate.
- 24) **2 Hi Skin Pass cum Indentation Tandem Rolling Mill** (2 stand Tandem Mill) for Bimetal Sintered strip, with DC drive and Siemens controls for **M/s R. G. Bronze Mfg. Co. Pvt. Ltd.**, Chennai.
- 25) **2 Hi Rolling Mill** for Bi-metal Strip Sintering Line, as on-line mill for **M/s Adishiv Forge Pvt. Ltd.** Rajkot (Gujarat). This mill is equipped with AC Vector Control Drive.
- 26) **2 Hi Rolling Mill** for Bi-metal Strip Sintering Line, as on-line mill for **M/s Unique Spares & Automobiles**, Sonapat (Haryana) with Eddy Current Drive

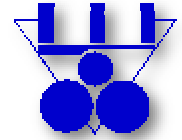


## FURNACE PERIPHERALS / TERMINAL EQUIPMENTS

- 27) **Hydraulic Charging Pusher** for Walking Beam Furnace for M/s Nirvan LOI Pvt. Ltd., Thane, Mumbai for their **MUSCO** Project.
- 28) **Hydraulic Billet Ejector** of 3400 mm stroke length, and **Hydraulic Charging Pusher** for copper billet re-heating furnace by M/s Heat-on Furnaces Inc., Mumbai for their **M/s Agrawal Metal Works** - Rewari (Haryana) project.
- 29) **Hydraulic Slab Charging Pusher** ( dual pusher arm with individual hyd. cylinders, 60 T) and **Slab Charging Roller Table** for Pusher type Re-heating Furnace for copper slab at **M/s META STRIPS LTD.**, GOA.
- 30) **Hydraulic Slab Extractor** to deliver the hot copper slab on Mill Roller Table, from Pusher type Re-heating Furnace at **M/s META STRIPS LTD.**, GOA. The slab size is 390 mm width x 100 mm thick x 8670 mm length, having 3,500 Kgs. max. Weight.
- 31) **Continuous Slat Conveyor type Electric Dryer** ( 18 KW, 150 degree ) with variable speed, to dry rust preventive coating on engineering files, for **M/s Sunil Profiles Pvt. Ltd.**, Thane ( 2 Units ), **M/s Hurry Noth & Co.** – Thane, and **M/s Unique Star Alliance Tools Mfg. Pvt. Ltd.** – Daman.
- 32) **S.S. Fabricated Coil Saddles** for Brass coil annealing furnace, for **M/s Meta Strips Ltd.** Goa. (Now Meta Copper & Alloys Ltd.)

## MACHINE BUILDING & PROJECT SUPPLY

- 33) **Product Table Assembly** for continuous cast copper rod coil accumulation for **M/s Sunflow Metals Ltd.** - Daman.
- 34) **Barrel Corrugating Machine** for **Perlin Profile** ( Decorative Roofing Sheet ), for **M/s Bereket PLC**, Addis Ababa, **ETHIOPIA**.
- 35) **Slag Wool Plant Equipments** supplied to **M/s Global Steels Ltd.**, AP, INDIA
  - **Spinner Machine** with mist lubrication system. The machine is housed on trolley frame for easy and fast change over.
  - **Bucket Elevator** system for charging of slag lumps to vertical cupola furnace.
  - **Slat Conveyor Bed** for collection chamber of slag wool from spinner. Supplied to **M/s Global Steel Ltd.** – Gudiwada (AP, INDIA)
- 36) **Online Rotary LOGO Printing System** for Continuous Strip Galvanising Line for **M/s Aluminium Africa Ltd.**, Dar-Es-Salaam, **TANZANIA**. (Chaderia / Safintra Group Company)
- 37) **Milling Machine** and **Knifing Machine** for Babbitt Metal Line - Bimetal Strips – specially designed for **M/s R. G. Bronze Mfg. Co. Pvt. Ltd.** – Chennai.



## MACHINE BUILDING . . . . .

- 38) **Pile Breaker Unit** for M/s ACE Infrastructure Pvt Ltd, Mumbai. This is **Hydraulic operated attachment for Heavy Earth moving** vehicle, to break cement concrete piles.
- 39) **Steel and Rubber Rolls** for Continuous Galvanising Line for M/s U. B. L., Kampala, UGANDA.
- 40) **Brushing Unit Rolls – SS** Pickling Line for M/s Meta Strips Ltd. , Goa
- 41) **Printing Ink** - Fast Drying type for Metal – supply to M/s Mabati Rolling Mill – Mombasa KENYA, and M/s United Galva Pvt. Ltd. – Bellary, Karnataka.
- 42) **Printing Stereo Plates** to Print LOGO on Galvanised sheet.
- 43) **Strip Straightening / Leveller Machine**, 5 roll, 1500 mm strip width, for **M/s Krishna Sheet Processors Pvt. Ltd.** - Mumbai (Maharashtra).
- 44) **Capacity enhancing and Modification of Un-coiler** for Steel Strip Slitting Line for **M/s Aluminium Africa Ltd.**, Dar-Es-Salaam, **TANZANIA.** (Safintra group)
- 45) **Strip Guide Assembly** for Strip Rolling Mill for **M/s Meta Strips Ltd.** – GOA . (now Meta Copper & Alloys Ltd.)
- 46) **Vertical Pile Driver**, a special purpose attachment for Earth moving equipment, developed for **ACE Infrastructure Pvt Ltd**, for Solar panel installation project.
- 47) **Hydraulic Drilling Mast**, a special purpose attachment for vertical drilling, as attachment to earth moving machine, for **ACE Infrastructure Pvt Ltd.**
- 48) **Pinch Roll Assemblies – 4 Nos.** For Manual Cut to Length Line, with rubberised rolls and dual pressure system for top roll actuation, for **M/s Indian Steel Corporation Ltd.**, (A joint venture of Ruchi group and Mitsui & Co., Japan), Bhuj.

## COIL HANDLING EQUIPMENTS

- 49) **Coil Tilter / Positioner cum Transfer Trolley** and **Vertical Coil Tong** (5 T coil) for changing the position of copper / brass strip coil for **M/s Gupta Enterprises** - Rewari (Haryana).
- 50) **Coil Tilter / Upender** (5 MT coil) for changing the axis copper / brass strip coil for **M/s Meta Strips Ltd.**, GOA (now Meta Copper & Alloys Ltd.)