



CNIM BABCOCK MAROC

The specialists in manufacturing and service
for boilers and pressure vessels in Africa

Heat exchangers and pressure vessels for enhanced energy efficiency



Fabricating a water screen for a fire-tube boiler

AUDIT & ENGINEERING

- / Energy efficiency assessments
- / Thermal and mechanical studies
- / Corrective actions and process optimization
- / On-site equipment assessments
- / Measurement surveys

MANUFACTURING

- / Boilers and subassemblies
- / Heat exchangers and pressure vessels
- / Steel platework and fabricated parts produced from drawings
- / Quality: complies with European and international EN, ASME and CODAP standards
- / Welding expertise

WORK AT SITE

- / Deployment of teams and equipment throughout Africa
- / Erection, assembly, piping
- / Maintenance and reliability improvements
- / Performance improvement and process optimization
- / Adjustment and fine tuning of performance parameters
- / Unit shutdowns



Replacing a boiler screen at a thermal power plant in Morocco

- ➔ Comprehensive service including engineering, design, manufacturing, construction, maintenance and services
- / Energy efficiency
 - / Energy storage
 - / Heat and cold recovery

FOR YOUR INDUSTRIAL PROCESS:
ENERGY PRODUCTION, FOOD PROCESSING, CHEMICALS,
MINING, PETROCHEMICALS, WASTE RECOVERY

Our products comply with EN, ASME and CODAP standards.

Our traditional core business: boilers, heat exchangers and pressure vessels

BOILERS

- / Manufacturing and commissioning
- / Maintenance and spare parts (all brands)

▲ Fire tubes

- / Manufacturing in our workshops in Morocco
- / Standard products
- / Burners tailored to customer's selection
- / Option for water treatment
- / Boiler hire
- / Turnkey boiler plant
- / Installation, maintenance and servicing for all boilers

▲ Water tubes

- / Boiler audit
- / Subassembly production (e.g. superheaters, vaporisers, economisers and screens)
- / Erection, maintenance and servicing for all boilers

HEAT EXCHANGERS AND PRESSURE VESSELS

- / Adjustment of process parameters (design office)
- / Mechanical studies
- / Manufacturing
- / Installation on site and connection

STEEL PLATEWORK, WELDING

- / Part manufacturing from drawings



Heater manufacturing



Steel platework and fabricated parts



Production of a 1,200-tube heat recovery boiler



Construction of a superheating evaporator for a nitric acid boiler

Demanding customers, challenging environments

ENERGY PRODUCTION

CNIM Babcock Maroc serves major private and public energy producers, providing them with maintenance and services that guarantee the performance of their installations.

Customers: TAQA Morocco, Office National de l'Électricité, Sonichar

FOOD PROCESSING

Our flexibility and responsiveness, combined with our production and assembly capabilities, enables us to meet scheduling constraints associated with agricultural harvests.

Customers: GINOR, COSUMAR, SOSUCO, CSS



PETROCHEMICALS - CHEMICALS

We provide our clients in this sector with services ranging from light maintenance to heavy refurbishment of their boilers, pressure equipment and utility system, guaranteeing the performance level of their facilities and processes.

Customers: OCP, Groupe Chimique Tunisien, SAR, SAMIR, SONATRACH, SONARA

MINES

We support customers such as Managem and OCP, the leading mine operators in Morocco. We install and provide through-life support for boiler plants.

Customers: Managem, OCP



Efficient, adaptable industrial facilities



Workshop: steel platework, shaping, equipment assembly and finishing, welding jig machining

- / 6,000 sqm premises
- / > 40 t crane capacity
- / Raw material storage area

Bending Rolling

Machining

Welding

Assembly



Headroom (to crane hook): 9 m – Width: 2x25 m
8 overhead cranes



Workshop length: 120 m



Workshop: tube shaping and assembly works, machining



Our machinery

- / 6 x 10 T overhead cranes
- / 2 x 20 T overhead cranes
- / 3 CNC pipe bending machine
- / 1 x 100 T press brake
- / 1 x 3,200 mm rolling machine for sheet up to 30 mm
- / 1 x 3,000 x 12,000 mm oxygen and plasma cutting bench
- / 1 laser cutting machine
- / 2 x 20 T vertical and table-type boring machines
- / 1 CNC drill for manifolds
- / 1 automatic pipe cutting bench
- / 2 swaging machines for tube ends
- / 1 shot-blasting bench
- / 1 paint booth
- / 1 guillotine
- / 2 heat treatment machines
- / 4 submerged arc welding booms
- / 2 bladed welding booms

Welding

Bending

Rolling

Machining

Assembly



Multi-head oxycutting unit



Tube shot-blasting station



Laser cutter



Sheet rolling machine



Guillotine



CNC tube bending machine



Welding jigs

Site work

NORTH & SUB-SAHARAN AFRICA

- / Inspection and assessment of all types of boilers, steam, chemical and water treatment processes and energy systems
- / Assembly of new boilers, pressure equipment and boilerwork
- / Maintenance, renovation, retubing and repair of boilers and heat exchangers
- / Erection and assembly of pressure vessels, heat exchangers and process equipment
- / Piping, steam and process pipe systems (for chemicals, petrochemicals, refinery and food processing)



Installation of a new Babcock boiler (steam output: 110 t/h), five months of works by 45 workers in Cameroon



Manufacture and replacement of a 120 t heat recovery boiler for OCP in Morocco



Replacement of an economiser unit at a sulphuric acid plant

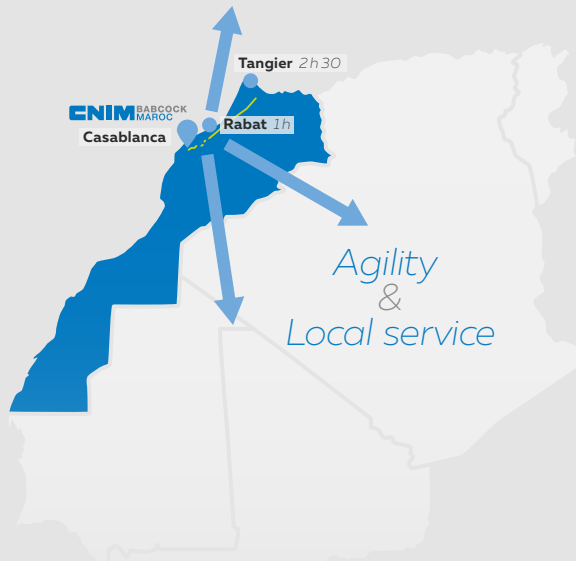


Complete renovation of a 50 t/h, 70 bar water-tube boiler

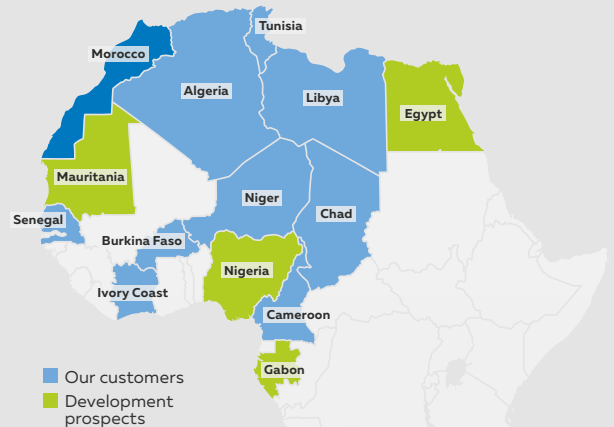
CNIM BABCOCK MAROC



**A key location in Morocco,
for Africa and Europe**



**Customers in Morocco
and across Africa**



Established in Morocco since 1948, CNIM Babcock Maroc specializes in boilers and pressure vessels, providing services ranging from auditing existing equipment to on-site assembly.

CNIM Babcock Maroc can also provide industrial subcontracting services for fabricated assemblies.

Our customers are industrial companies operating to demanding technical, economic, social and environmental standards, in sectors such as energy production, petrochemicals-chemicals, mining, food processing and cement making.

Our ability to provide both equipment and services throughout Africa ensures maximum responsiveness for our customers.



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