



OSMACOM®

For Steel Industries

**Machinery & Equipment
List**

www.OsmaCom.com



ABOUT OSMACOM

Our History

OsmaCom is a member of the Osman Group of companies, Established in 2007, as a manufacturer of finest prefabricated buildings and steel Structures dedicated to providing businesses in Egypt and the Middle East with a fast, efficient tailor made solutions. Osmacom combine extensive engineering experience and market knowledge with an expanding supply chain footprint, allowing us to fabricate products that others can't. We design, engineer and manufacture all kind of steel structures.

Core Values

- Integrity
- Reliability
- Accountability
- Quality

Our Products

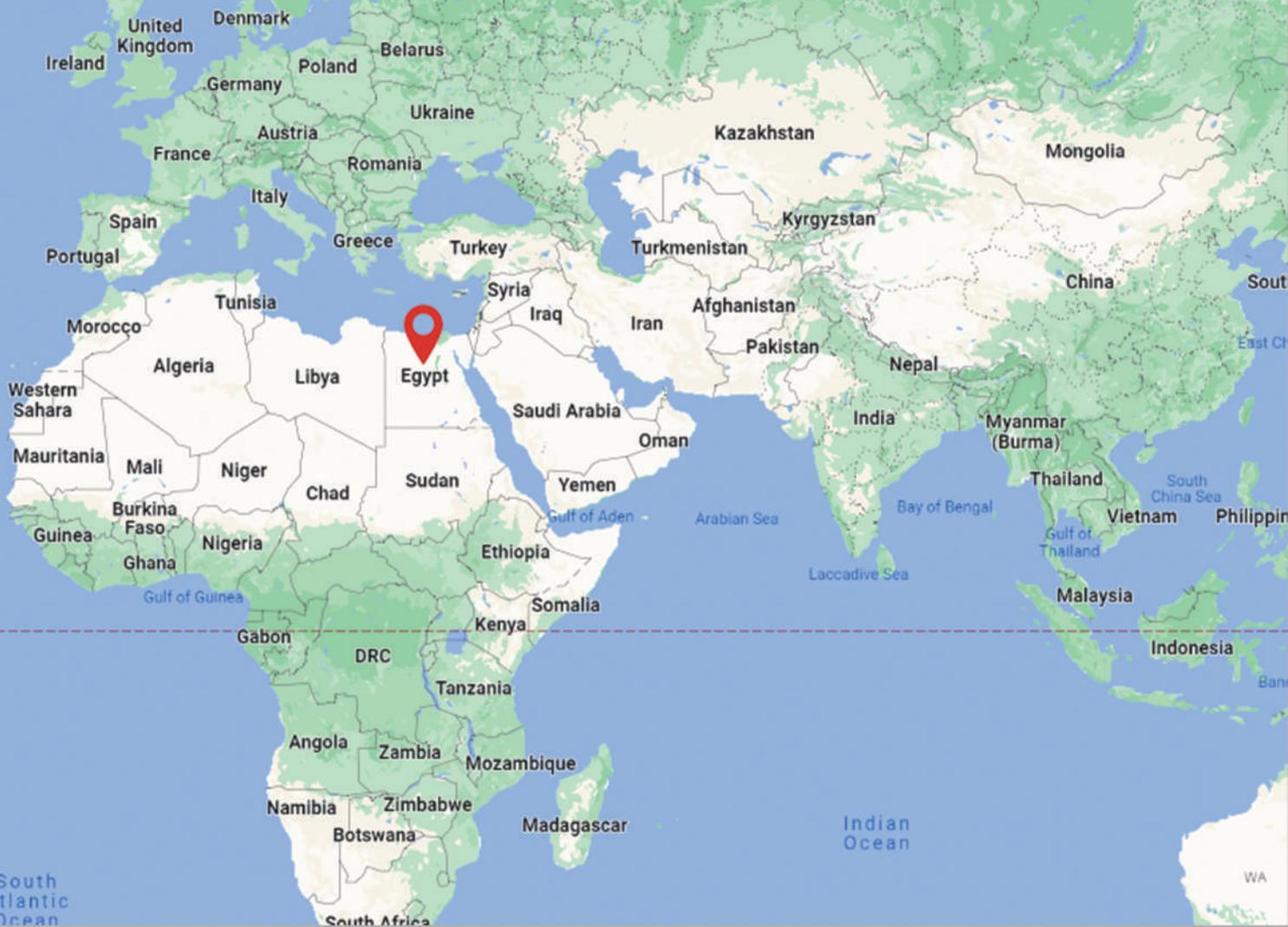
Our obsession with quality guarantees an economical and sophisticated steel solution with minimum logistical costs and without having to compromise on creative architectural design.

- Steel Structures (PEB - Hot Rolled - bridges)
- Cold-formed steel structures
- Modular Steel Buildings & Mobile Cabins
- Specialized Modules & Concrete Moulds
- Plateworks (Tanks - Pressure Vessels - Boilers
- Heavy Machine Parts - Cement Silos - Ducts)

Our Construction Solutions

- Civil Works
- Finishing Works
- MEP Works





Osmacom is an Egypt based company

Due to the strategic geographical location, Egypt has excellent access to the Mediterranean Sea on one side and the Red Sea on the other. This makes the maritime sector of the country the most important in Africa. Moreover, the Suez Canal, which is an artificial waterway, connects the Mediterranean Sea with the Red Sea. More than 10% of world trade volume happens through the Suez Canal. also Egypt has large, well-educated cheap labor force, Egypt has a fairly large labor force of nearly 27 million, with up to 700 000 new entrants into the market annually.

Osmacom has established a state of the art manufacturing center in Sadat City - one of the largest industrial cities in the country - over a massive area of 20,000m² to accommodate the different manufacturing specializations and ensure adherence to the highest standards of production at all times. **Sadat City** is in the midway between Alexandria (the main port of Egypt) and Cairo (the capital) which makes it an ideal place for export.



OsmaCom Plant Brief



**Plot 6283 - 6th Industrial
Area - Sadat City, Egypt**



Total Land Area 20,000m² (215278 ft²)

Workshops area=8640m² (93000 ft²)

Backyard Area=5000m² (53819 ft²)



**Factory capacity=500
ton per month/shift
(Soon to be 700 ton)**

**The factory is
ISO9001 certified
and qualifying for
ISO45001 and EN
1090**



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Osmacom Manpower

Staff	40
Management	11
Engineering	18
Workers	140
Admin	12
Qc/qa	10



Factory Capabilities

- Hot rolled Steel Structures
- Built up section beams up to 2500mm web height
- lattice structures
- Tanks-vessels-pressurized
- Industrial Handrails
- Industrial doors-windows, cover manhole
- steel plates

All Osmacom staff & welders are certified





OsmaCom Machinery list

Sheet Metal Processing

Description

Plate Shear

Make

Haco 3016

Specifications

-3000m length

-16mm shear
capacity





OsmaCom Machinery list

Sheet Metal Processing

Description

Press Brake

Make

Haco

Specifications

-300 ton capacity

-3000mm length

-Upto 12mm
bending



Description

Round Rolling

Make

WMW

Specifications

-3000mm length

-12mm bending





OsmaCom Machinery list

Drill & Punching Machines

Description

Oxyfuel plate cutting

Specifications

- Oxyfuel 12 strip
plate cutting

- qty 2

13000x3000mm
capacity



Description

Double head
plasma/oxyfuel
CNC machine

Make

Lansun

Specifications

- 2x150 amp plasma

-13000mm x

3000mm capacity





OsmaCom Machinery list

Cutting, Punching & Sawing

Description

CNC Drilling

Make

Ocean Avenger

Specifications

- 17000mm beam length capacity
- 1000mm web height



Description

Ironworker

Make

Geka

Specifications

- 110ton capacity that can punch up to 25mm plate thickness
- notcher
- shear





OsmaCom Machinery list

Cutting, Punching & Sawing

Description

CNC Drilling

Make

Ocean Avenger

Specifications

-80ton capacity that

can punch upto

20mm plate

thickness

-notcher

-shear



Description

Portable C punch

Make

Nitto Koeke

Specifications

-50ton capacity

-12mm thickness

punching





OsmaCom Machinery list

Cutting, Punching & Sawing

Description

Radial Drill 1

Make

WMW

Specifications

-Morse 5 taper



Description

Radial Drill 2

Make

SORALUCE

Specifications

-Morse 5 taper





OsmaCom Machinery list

Cutting, Punching & Sawing

Description

Radial Drill 3

Make

Bowes

Specifications

-Morse 4 taper



Description

Cut Threading
machine

Make

WMW Mageba
52

Specifications

8-52mm diameter
capacity





OsmaCom Machinery list

Cutting, Punching & Sawing

Description

Bit sharpener

Make

Rush 250A



Description

Band Saw 1

Make

Bigstone

Specifications

610mm cutting
length





OsmaCom Machinery list

Cutting, Punching & Sawing

Description

Band Saw 2

Make

Bigstone

Specifications

350mm cutting

length



Description

Pipe Notcher/
sander

Make

Metalkraft





OsmaCom Machinery list

Built up section Equipment

Description

Horizontal Built up
section machine

Specifications

800mm web
capacity



Description

Vertical Built up
section machine

Specifications

2500mm web
capacity





OsmaCom Machinery list

Built up section Equipment

Description

Submerged Arc
welding 1

Specifications

- 1000amp welding capacity
- 2500mm web capacity



Description

Submerged Arc
welding 2

Specifications

- 1000amp welding capacity
- 2500mm web capacity





OsmaCom Machinery list

Built up section Equipment

Description

Submerged Arc
welding 3

Specifications

-1000amp welding
capacity
-2500mm web
capacity



Description

Beam
Straightening





OsmaCom Machinery list

Built up section Equipment

Description

Welding Tractor

Make

Lincoln Electric LT7



Painting & Surface Preparation



Description

Airless Spray
guns

Specifications

Graco
MBP





OsmaCom Machinery list

Painting & Surface Preparation

Description

Garnet/Sandblasting

Specifications

-100 liters

-200 liters

-350 liters



Description

Air system

Mark

Kaeser csdx165

Specifications

- 90KW

- 13.5 m³ per min

All of that alongside spacious painting yard





OsmaCom Machinery list

Welding Machines & Equipment

Welding Machines & Other Equipment			
Item	Brand	Description	QTY
Multi process Welder	Lincoln Electric dc1000	Mig-Fluxcored-stick	3
MIG Welders	Lincoln Electric dc600	Mig-Fluxcored-stick	7
MIG Welders	Lincoln Electric dc400	Mig-Fluxcored-stick	1
MIG Welders	Lincoln Invertec 350	Mig-Fluxcored-stick	4
MIG Welders	Lincoln Electric Powertec	Mig-Fluxcored-stick	2
MIG Welders	Esab		4
MIG Welders	Panasonic		3
Stick Welding	Variable Brands		17
Tig Welding	Lincoln Electric	275 amp	1
Plasma Cutting	Cebora	120-152amp	5
Shear Stud	Intra 2100 A	-upto 25mm shear stud welding	1
Magnetic Drills	Variable Brands		7
Core Drilling	Hilti dd150		1
Hydraulic Torque Wrench	HYTORC	1.5inch	1





OsmaCom Machinery list

NDT Testing Equipment

Description

Magnetic testing (MT)



Description

Penetration Testing (PT)





OsmaCom Machinery list

NDT Testing Equipment

Description

Surface roughness

Make

Elcometer



Description

Dry film testing (DFT)

Make

Defelsco x2

Elcometer x3

Specifications

Paint Thickness up to 50mm





OsmaCom Machinery list

NDT Testing Equipment

Description
Cross Adhesion
Make
Elcometer



Description
Pull off equipment





OsmaCom Machinery list

Handling Materials			
Handling Materials			Quantity
Overhead Crane	10 ton capacity		2
Overhead Crane	5 ton capacity		5
Overhead Crane	3 ton capacity		2
Semi Gantry	3 ton capacity		2
Jib Crane	2 ton capacity		2
Telehandler	JCB 532 -12meter Boom length -3.2 ton capacity		1
Forklift	Hyster 3 ton		1
Pickup trcuks	Double cabins		5
Bus	31 passemgers		1
Cars	Passenger cars		5

