

# Engineering of steel mills

www.orsteel.com













ORSTEEL

### Engineering of steel mills

The Italian engineering company who offers to the client both engineering and process needs.

We have the know how to lead your investments to success.

We have partners around the world who can satisfy our needs in steel plants as manufacturers and experts in steel industry to grow up your business.

Orsteel is the choice of many big brands in the world of steel to be the loyal engineering consultancy who design and select technology for the client.



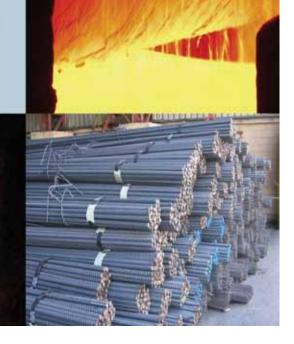






# ORSTEEL SUCCESSIS OUR MISSION

ORSTEEL



# O R S T E E L

### ENGINEERING OF STEEL PLANTS

WE ARE ABLE TO MODERNIZE YOUR STEEL PLANT AND MAKE SOLID REAL STUDIES OF REVAMPING AND WE HAVE EXPERIENCE IN THIS FIELD OF SEVERAL STEEL PLANTS IN EUROPE AND MIDDLE EAST. WE HAVE RELOCATED MANY MILLS BOUGHT THROUGH ORSTEEL AND SOLD IN THE MIDDLE EAST AND WE HAVE ACHIEVED OUR GOAL AS OUR CLIENTS SAY.

### DESIGN OF NEW PRODUCTS

**OUR ROLLING** EXPERIENCE IS OVER 20 YEARS IN ITALY AND ACROSS THESE YEARS WE OBTAINED THE BEST RESULTS OF OUR ROLL PASS DESIGNS FOR LIGHT AND MEDIUM SECTION AND MERCANTILES. WE HAVE OUR OWN ENGINEERING OF ROLLING EQUIPMENT AND IN MANY YEARS WE HAVE REALIZED OUR ITALIAN DESIGN IN OUR PARTNERS WORK SHOPS IN BOTH INDIA AND CHINA.

### O R S T E E L ALLIED MAIN BRANDS

MANY YEARS OF COOPERATION WITH MANY MANUFACTURERS OF STEEL HOT ROLLING EQUIPMENT WE HAVE STABLISHED A VERY STRONG RELATION WITH THEM FOR THE BEST OF THE END CLIENT.

OUR ALLID TECHNOLOGY SUPPLIERS ARE FOUND ALL OVER THE WORLD AND GIVE TO ORSTEEL THE BEST OF THE BEST IN BOTH QUALITY AND PRICING.

WE HAVE A UNIQUE SOLUTION FOR OUR CLIENTS IS TO ROLL STEEL WITH THE HIGHEST QUALITY AND LESS COST SO WE HAVE OUR SUPPLIERS EVERY WHERE TO ASSURE OUR FUTURE WITH THE CLIENT.







### SIDERPLANT

#### IS

### **OUR MAIN PARTNER IN ITALY**







### **ENGINEERING OF YOUR PLANT**



RELOCATED STEEL MILL FROM ITALY TO EGYPT

FINISHING MILL - SIDER ITALY

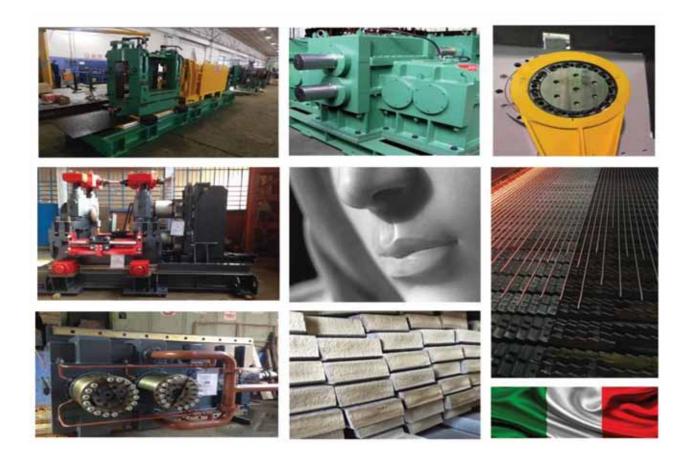
COOLING BED - METAL GOI ITALY

### **DESIGN OF NEW PRODUCTS**







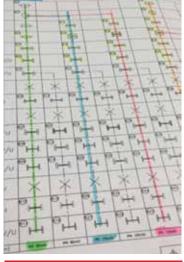


# **DESIGN OF NEW PRODUCTS**



**ORSTEEL PRODUCT STUDY** 

HIGH QUALITY LONG PRODUCTS IN NORTH AFRICA



ORSTEEL PRODUCT STUD

STUDIES OF GROOVING AND PASS DESIGN OF LIGHT AND MEDIUM SECTION



ORSTEEL PRODUCT STUDY

ROLLING ROLLS FOR CHANNEL 200 MM AND ROLLS MADE OF HSS





# **ORSTEEL ALLIED MAIN BRANDS**



ORSTEEL AR GROUP

TWIN CHANNEL WITH A VERY SMART MECHANISM

ORSTEEL AR GROUP COOLING BED WITH BOTH APRONS AND TWIN CHANNEL



ORSTEEL AR GROUP

HOUSINGLESS ROLLING MILL WITH A COMPLETE ENGINEERING SOLUTION

# **ORSTEEL ALLIED MAIN BRANDS**



ORSTEEL ROYALS MOTORS START STOP SHEAR MOTOR CE 280 KW 470 RPM



ORSTEEL ROYALS MOTORS ROLLING STAND MOTOR CE 370 KW 01200/600/ RPM



ORSTEEL ROYALS MOTORS START STOP SHEAR MOTOR CE 170 KW 500 RPM

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# **ORSTEEL ALLIED MAIN BRANDS**



ORSTEEL RMT TOOLS COBBLE SHEAR ORCSH060 ORSTEEL RMT TOOLS

ORISH080

ORSTEEL RMT TOOLS
DIVIDING SHEAR ORDSH100

# **ORSTEEL ALLIED MAIN BRANDS**



ORSTEEL RMT TOOLS COBBLE SHEAR ORCSH060



ORSTEEL RMT TOOLS



ORSTEEL RMT TOOLS PINCH ROLL







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**OR Steel** 







#### **Innovation Must**

If you don't change your mind and to ask your self frequently if you are winning the race in a very fast growing competitive market you will not be able to maintain your chair in your company that world is running towards more productivity and less cost.

We can help you to find the way but be serious and think innovation.

#### **Smart Budget**

Try our techniques to choose technologies based on value engineering that this branch of engineering helps you to decide your correct effective budget and pay attention that most of us fall in saving in what we must invest and waste in what we can save.

At all have a look and evaluate annually your budget and effective return and long run investment mortgage

#### Who Can Decide

Many cases in management in a non growing company follow the same theory of Mr. Boss and Mr. Yes Sir that the technical decision may be taken by an incompetent Boss and agreed by a Yes Sir Man and the victim in this case is the society or the company itself.

Relay on a consulting firm who think both business and process in a global way.



#### Everlasting innovation of rolling engineering

Across years of hard work and ambition we have obtained good results with our European costumers who required to be competitive and we have three axes of success based on: Modernization of steel plants and making it more efficient, To produce new products to have better chance for marketing ,To find the suitable managerial way to increasing both yield and productivity.

We have to say that the most important factor of success in a steel mill is the man himself and from our experience in the best steel mills in Italy we can confirm that the process is based on the human being before technology.





# THINK BUSINESS

We have the capability to add value to your rolling mill starting from Optimizing your existing mill to reach its maximum capacity Adding commercial value inserting new products and helping you to reach the international quality standards. We study modernization of steel mills and we have success stories in Italy rising with productivity till two times. We are partners of several manufacturers of technology and through Orsteel we can guarantee both high quality and reasonable prices. We produce also our own machines designed in Italy and produced under our supervision in China and India. Orsteel is a growing firm who is respecting international standards and human values so we help you to achieve training courses for you staff in the best institutes in Europe and care about industrial environment and we offer consultancy through our allied institutes to create your quality and environment systems.









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