

A photograph of a steel mill interior. The scene is dominated by bright orange and yellow light from molten metal. In the center, a worker is silhouetted against the intense glow. The background shows complex industrial machinery, including conveyor belts and structural beams, all bathed in the same fiery light. The overall atmosphere is one of intense industrial activity.

TECNOLOGIES and INNOVATION for STEELWORKS

The logo for MHS Industry features the letters 'MHS' stacked above the word 'INDUSTRY' in a bold, metallic, sans-serif font. A large, stylized red swoosh or wave graphic curves behind the text from the bottom left towards the top right.

MHS
INDUSTRY



Durable and efficient technology for the best performances

ENGINEERING → MANUFACTURE → ERECTION, SUPERVISION → SERVICE → SPARE PARTS:

AUTOMATION SYSTEM TO FURNACE OF THE RAW MATERIALS AND ADDITIVES

- CONVEYING, DOSING,**
 - STORAGE, EXTRACTION,**
 - WEIGHING AND FEEDING**
- and**

- DEDUSTING SYSTEMS**
- AUTOMATION**
- PNEUMATIC TRANSPORTATION**
- PLANTS FOR PROCESSING AND RECOVERY OF BLACK AND WHITE SLAG**

**“made-to-measure solutions”
moulded to the specific requirements of our customer**



Complete turn-key availability

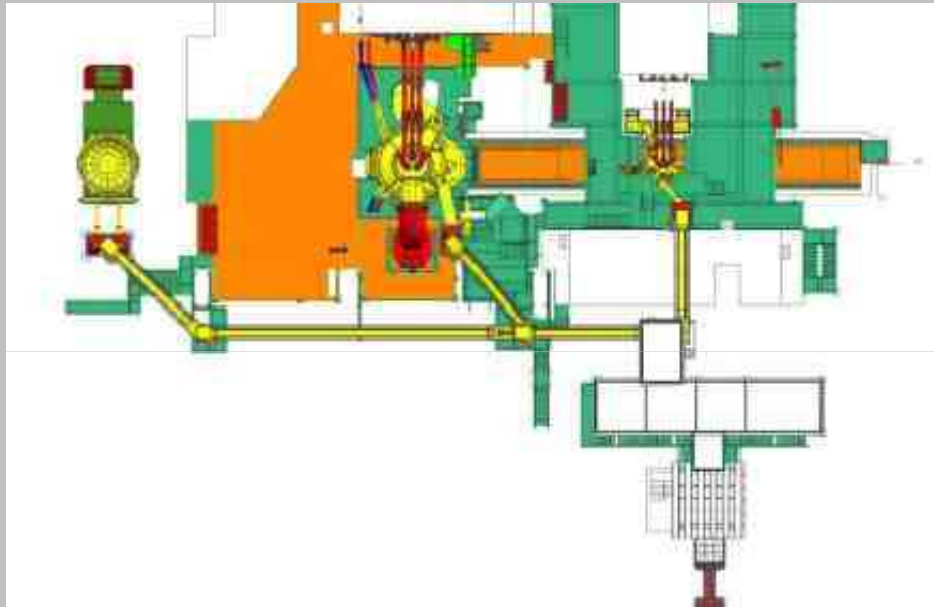
Innovation-oriented with a vast experience and expertise acquired in actual plant construction.

A vital organisation where planners, technicians and marketing staff collaborate together offering customised or innovative proposal to satisfy specific customer needs.

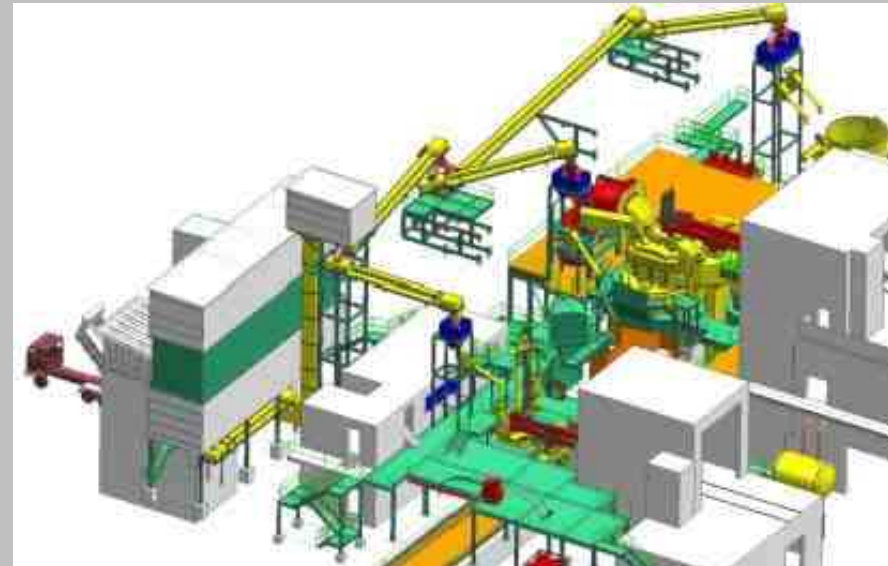
Complete turn-key availability for new plants, updating or upgrading on existing plants as well as maintenance and efficient technical assistance.



Management of an order



ENGINEERING DEPARTMENT





Management of an order



PRODUCTION DEPARTMENT





Management of an order



AUTOMATION DEPARTMENT





Management of an order



ERECTION ON SITE REVAMPING

Supervisions and testing
SERVICE





Management of an order

SPARE PARTS SERVICE





AUTOMATION SYSTEM FOR

- CONVEYING, DOSING,**
- STORAGE, EXTRACTION,**
- WEIGHING AND FEEDING**

OF THE MATERIALS

TO THE FINAL DESTINATION





Storage and Dosing - Weighing and Feeding





Storage and Dosing - Weighing and Feeding





Storage and Dosing





CONVEYING





CONVEYING





CONVEYING: HORIZONTAL AND VERTICAL





LADLE TRANSPORT WAGONS



Swivel chute



DEDUSTING PLANT

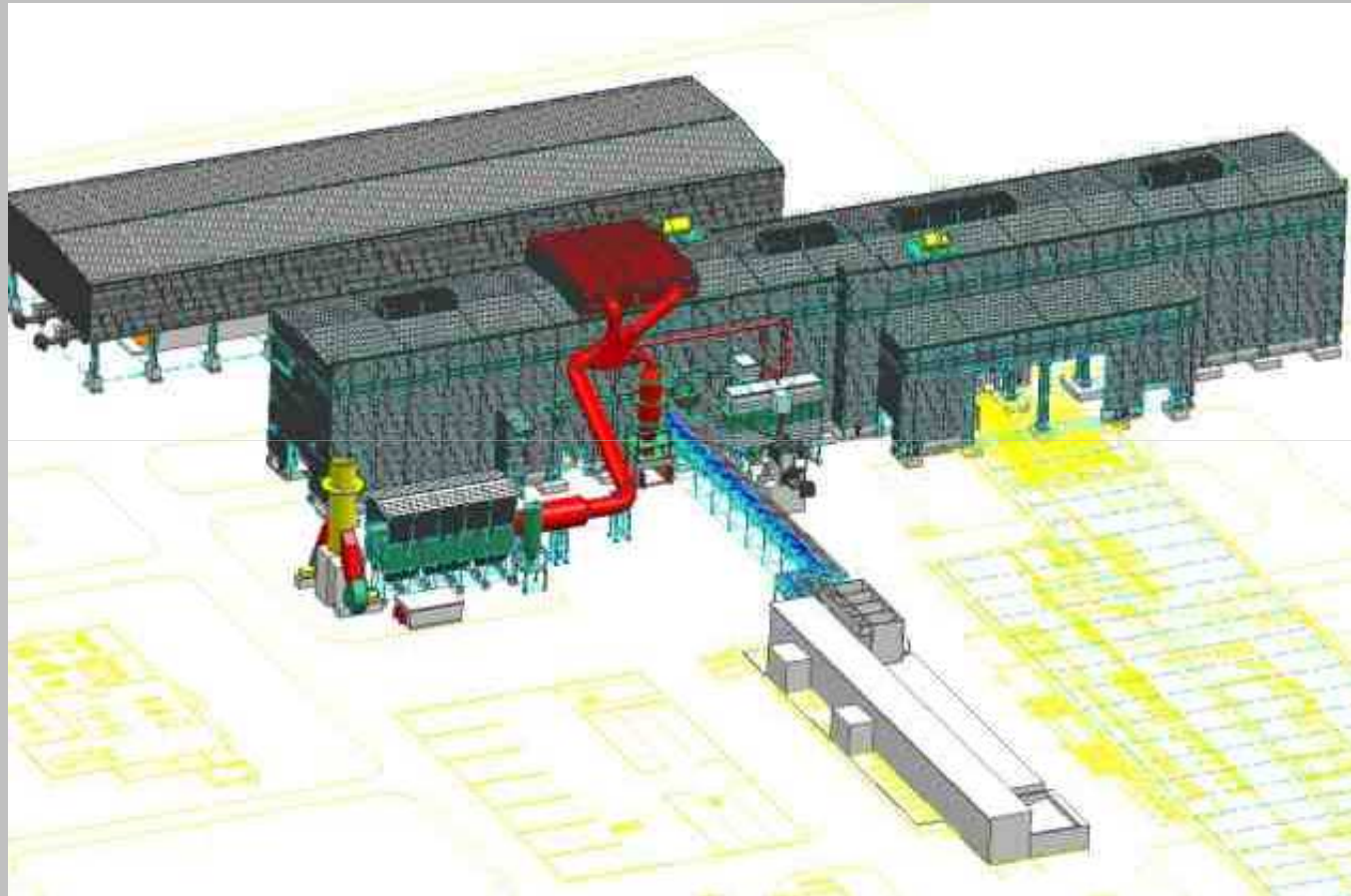
FUME DEDUSTING PLANT FOR A MELTSHOP

Plant management flexibility serving the EAF operations
Energy and water savings = less costs transferred to the final product
Short payback
Less pollution (environment, health)





GENERAL LAYOUT



FRONT VIEW

SIDE VIEW





FUME DEDUSTING PLANT FOR A MELTSHOP





FUME DEDUSTING PLANT FOR A MELTSHOP

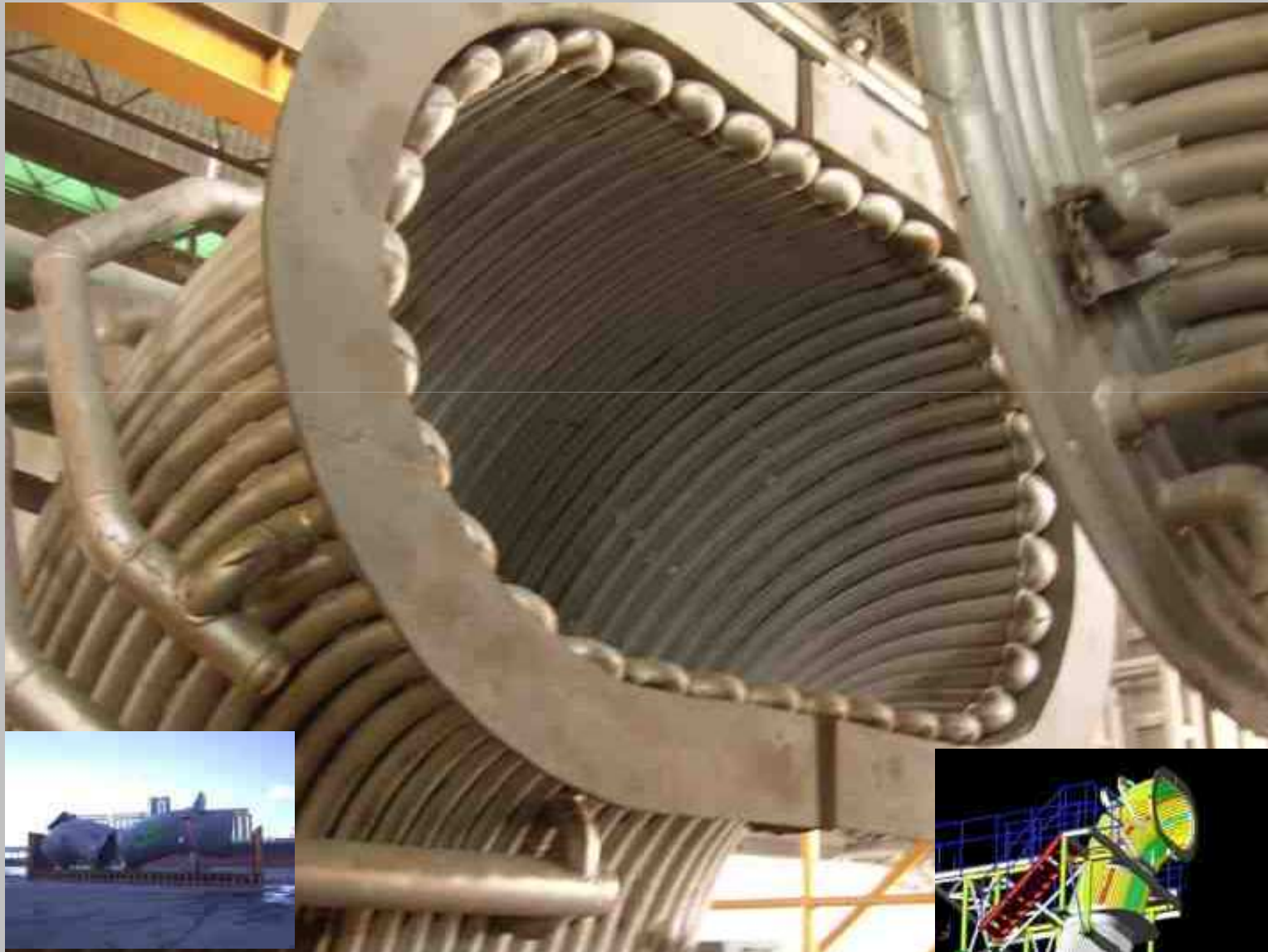


FUME DEDUSTING PLANT FOR A MELTSHOP





FUME DEDUSTING PLANT FOR A MELTSHOP





FUME DEDUSTING PLANT FOR A MELTSHOP





FUME DEDUSTING PLANT FOR A MELTSHOP

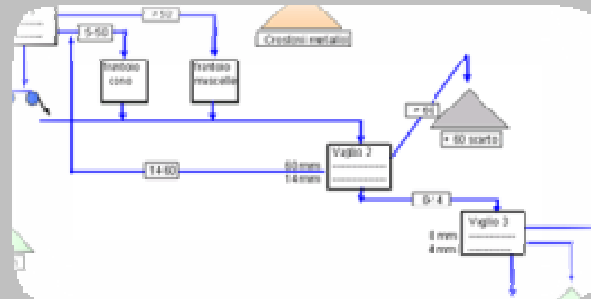
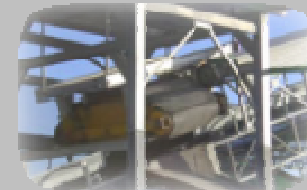
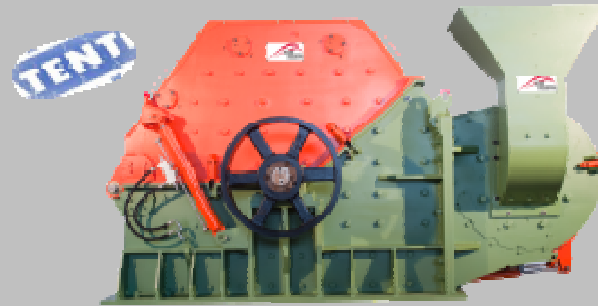
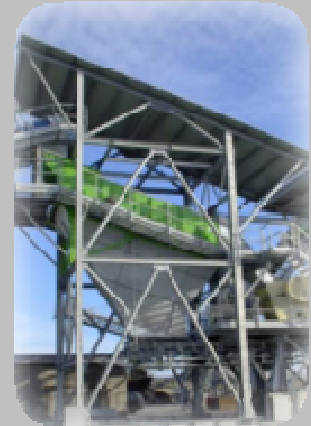
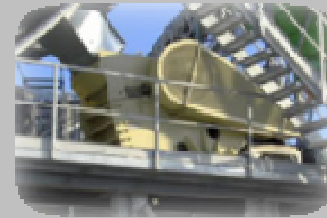
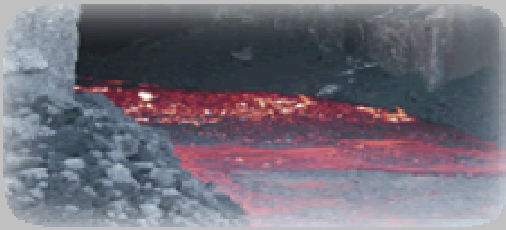


Dust filtration and their transport and storage





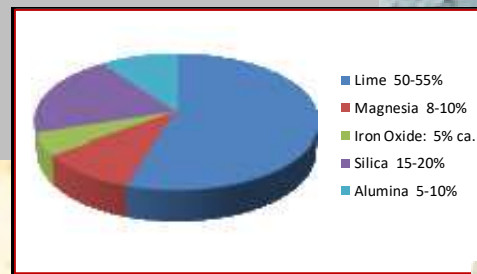
EAF SLAG RECYCLING PLANT





WHITE SLAG TREATMENT

MHS Industry exploits the physical shuttering controlled process in a simple and functioning way and it is characterized by the very important aspect of the modularity of the plant.





PNEUMATIC TRANSPORTATION

Pneumatic transportation for

- powders,
- granules and
- pellets

in DENSE PHASE at low velocity
with the “VP-AIR” technology

which enables the real control of
the product speed inside the pipes.





PNEUMATIC TRANSPORTATION

Very small dimensions

Transportation pressure < 0.2 MPa

Capacities 2 - 4 t/h and distances over 100 m

To feed models making machines

To recuperate or transport fine ceramic to presses

To recuperate powders from filters or sack breaking machines





www.mhsindustry.com

Before signing a contract with a supplier you want to test the experience in plant engineering sector
..... just ask us for our references?

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by our sales .**

**In the steel industry we have supplied many
installations to final direct customers and we work
constantly to the biggest multinationals constructors
steel plants .**

Contacts



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