



MATERIAL HANDLING SYSTEM
Sede legale in Via Aldo Moro, 16
25124 - Brescia (IT)
Sede amministrativa:
Via Marconi, 27
25076 - Odolo - Brescia (IT)

T. +39 0365 266188
F. +39 0365 826125
info@mhsindustry.com
www.mhsindustry.com

P.IVA, C.F., I.R.I. 03969190986
R.E.A. - 577946
C.S. €. 50.000,00 i.v.

TRADE REFERENCES
FOR STEELMAKING PLANTS



*Technicians that today working in MHS Industry in the past have made the follow jobs:



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ACCIAIERIA O.L.S. - PISOGLNE (BS)

Adjustment of system for weighing, dosaging, and charging ferro-alloys and additives in furnace and ladle.

ACCIAIERIA ALFA ACCIAI - S. POLO (BS)

Adjustment and maintenance plants for transport of ferro-alloys and additives .

ACCIAIERIA VALSABBIA - ODOLO (BS)

Belt conveyors for crashed scraps.

ACCIAIERIA VALSABBIA - ODOLO (BS)

Suction and dedusting plant, extractors and belt conveyors.

ACCIAIERIA FERDOFIN - S. ZENO (BS)

Bucket belt conveyor with high inclination.

ACCIAIERIA CORTENUOVA - BERGAMO

Complete plant for storage, extraction, weighing and dosage ferro-alloys and additives, distribution and automatic charging system in furnace and ladle.

ACCIAIERIA GALTAROSSA - VERONA

Adjustment and maintenance plant for transport and dosage of ferro-alloys and additives

ACCIAIERIA LUCCHINI - SAREZZO (BS)

Bucket belt conveyor with high inclination.

ACCIAIERIA VALSUGANA - BORGO VALSUGANA (TN)

Plant for storage, extraction, transport and loading on track of pelletized products in powder.

ACCIAIERIA VALSUGANA - BORGO VALSUGANA (TN)

Modify and adjustment of ferro-alloys plant

ACCIAIERIA VALSUGANA - BORGO VALSUGANA (TN)

Plant for charging ferro-alloys and additives in furnace and ladle within the dog-house.



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ACCIAIERIA S. STEFANO - PERO (MI)

Complete plant for storage, extraction, weighing and dosage of ferro-alloys and additives, semi-automatic transport and loading system in furnace and ladle.

ACCIAIERIA FERDOFIN - S. ZENO (BS)

Modify and adjustment weighing plant and distribution of ferro-alloys and additives in melting furnace and L.F.

ACCIAIERIA VON ROLL - GERLAFINGEN - SVIZZERA

Adjustment and modify plant for dosage and transport of ferro-alloys and additives in furnace and ladle.

ACCIAIERIA ORI MARTIN - BRESCIA

General modify plant for dosage and transport of ferro-alloys.

ACCIAIERIA ALFA ACCIAI - S. POLO (BS)

Modify and adjustment plant for dosage and transport of ferro-alloys

ACCIAIERIA ORI MARTIN - BRESCIA

Rotating and vibrating belt for charging additives in furnace.

DANIELI SPA - BUTTRIO (UD)

Bucket belt conveyor, TNS 850x15

ACCIAIERIA VALSUGANA - BORGIO VALSUGANA (TN)

Group for charging in furnace inside dog-house

FINLEGHE - MILANO

Complete plant for carbonization biological mass and plant for transport, measurement, storage, and packing active coal.



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FINLEGHE - MILANO

Complete plant for primary and secondary crushing, monitoring, weighing, storage and packing of ferro-alloys and "CASI" (Cina).

DANIELI - BUTTRIO (UD)

Ferro-Alloys plant, storage, weighing, dosage and plant for transport into furnace-ladle, SISCO SARABURI – TAILANDIA.

ACCIAIERIA LUCCHINI - SAREZZO (BS)

Computer-based plant for storage, weighing, dosage and transport of ferro-alloys and additives in furnace, ladle and furnace-ladle.

SNAIDERO SPA - MAJANO (UD)

Automatic system for dosage, charging, vibration of pearlite thermo-insulating panels for the cover of the vessel tanks used for transport FINCANTIERI

VON ROLL AG - GERLAFINGEN - SWITZERLAND

Adjustment of plant for charging furnace-ladle

A.B.S. - ACC. BERTOLI SAFAU - (UD) - (GRUPPO DANIELI)

Adjustment of complete ferro-alloys plant "LF" and "EAF" new group of ferr-alloys.

E.S.B. ELWOOD STEEL BELGIUM- LIEGI - BELGIO

Complete plant for ferro-alloys and additives, automatic storage, extractions, dosage and weighing, transport and distribution in furnace, ladle, furnace-ladle and V.D. with automatic system and supervision (HW+SW).

HUTA L.W. S.p.z.o.o. (GRUPPO LUCCHINI) - VARSAVIA - POLONIA

Complete plant for ferro-alloys and additives, automatic storage, extractions, dosage and weighing, transport and distribution to fill 2 furnaces and laddles.



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COST TIRGOVISTE - ROMANIA

Complete plant for ferro-alloys and additives, automatic storage, dosage and weighing, transport and distribution to fill material in furnace, ladle and furnace-ladle with automatic system and supervision (HW+SW).

ORI MARTIN - BRESCIA

Complete plant for ferro-alloys and additives, automatic storage, dosage and weighing, transport and distribution to fill material in furnace, ladle and furnace-ladle with automatic system and supervision (HW+SW).

ACCIAIERIE BOLZANO - GRUPPO VALBRUNA-(BZ)

Complete plant for ferro-alloys and additives, automatic storage, dosage and weighing, transport and distribution to fill material in furnace, ladle and furnace-ladle and converter with automatic system and supervision (HW+SW).

ACCIAIERIA PIOMBINO - GRUPPO LUCCHINI- PIOMBINO

Complete plant for ferro-alloys and additives, automatic storage, dosage and weighing, transport and distribution to fill material in furnace, L.F.4.

ACCIAIERIA DI CALVISANO - GRUPPO FERALPI(BS)

Complete plant for ferro-alloys and additives, automatic storage, dosage and weighing, transport and distribution to fill material in EAF, ladle and L.F.

COST TIRGOVISTE - ROMANIA

Complete plant for lime and coke charging system for SCRAP BUCKET feeding, storage transport, dosing and weighing system overviewed by PC - PLC (Level 2).

SOUTHERN STEEL BHD - PENANG - MALESIA

Complete plant for ferro-alloys, H.B.I. & additives, automatic storing, dosing and weighing, conveying and distribution to feed material to following destination.

- 2 ARC FURNACES AND RELEVANT LADLES
- 2 LADLE FURNACES.

Complete plant for lime and coke automatic storing, dosing and weighing, conveying and distribution to feed material to 4 SCRAP BUCKETS charging points in sequence.

The complete plant is equipped with 3 storage bins group, 7 weighing systems, and overviewed by 2 PLC linked to 5 PC - MMI integrated systems software.



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ANTARA STEEL - JOHOR BARU - MALAYSIA

Complete plant for ferro-alloys & additives, storing by self-opening bins, automatically dosing, weighing and conveying to ladle - furnace system overviewed by PC - PLC hardware and software.

ACP - CIVIDATE - BERGAMO - ITALY

Complete plant for ferro-alloys & additives, storing by self-opening bins, automatic dosing, weighing and conveying to furnace, ladle and ladle-furnace system overviewed by PC - PLC hardware and software.

ACCIAIERIA SERVOLA - LUCCHINI GROUP - TRIESTE - ITALY

Complete plant for lime and additives, storage and weighing, conveying and feeding to EOF furnace and ladle. Supervision by PC - PLC hardware and software.

ACCIAIERIA ITALFOND - BRESCIA - ITALY

Complete handling material system for ferro-alloys and additives, automatic storing, dosing and weighing, conveying and distribution to furnace, ladle and AOD with automation and supervision system PC - PLC (HW + SW).

HALIVOURGIA THESSALIAS - VOLOS - GREECE

Complete handling material system for lime and coke, automatic storing, dosing and weighing of mixed batches to be charged onto the scrap conveyor to feed the new DEMAG - CONTIARC furnace.

Complete handling material system for ferro-alloys and additives, automatic storing, dosing and weighing of requested additions to be conveyed to ladle in tapping position.

Both complete plants are automatically operating through an integrate automation and supervision system PC - PLC (HW + SW).

ACCIAIERIA LUCCHINI - SAREZZO - BS (ITALY)

Pneumatic handling material conveying system for lime to be weighed and conveyed into L.F. and LADLE in tapping position.

ORI MARTIN - BRESCIA (ITALY)

New conveyor system to charge the new CO-STEEL furnace and relevant LADLE in tapping position.

KRUPP UHDE DORTMUND - ACC. SERVOLA - TS - (ITALY)



Provisional Coal Transport belt conveyors from Main Coal Tower to the ovens charging system Engineering and complete Turn-Key supply of dosing, conveying and storage for 100 T/h capacity.

ACC. ABS - DANIELI GROUP - UD - ITALY

Complete handling material system for ferro-alloys and additives, automatic storing, dosing and weighing, conveying and distribution to n.01 Ladle-furnace (n.01 L.F. future) and a VD/VOD with automation and supervision system PC-PLC.

AL EEZ H.I. - EGYPT on behalf of DANIELI - ITALY

Engineering and supply of complete handling material systems for HBI, LIME, CARBON AND FERRO-ALLOYS to be stored, dosed, weighed and conveyed to the following facilities:

- n. 1 EAF 5th. hole;
- n. 1 LADLE in tapping position;
- n. 1 LADLE-FURNACE;
- n. 2 SCRAP BUCKETS.

KAPTAN DEMIR CELIK ENDUSTRISI ve TIC. A. S. - TURKEY

Complete handling material system for ferro-alloys and additives, automatic storing, dosing and weighing, conveying and distribution to furnace, ladle and ladle-furnace with automation and supervision system PC - PLC (HW + SW).

EGYPT on behalf of Concast - ITALY

Engineering and supply of complete handling material systems for HBI, LIME, CARBON AND FERRO-ALLOYS to be stored, dosed, weighed and conveyed to the following facilities:

- n. 2 EAF
- n. 2 LADLE in tapping position;
- n. 2 LADLE-FURNACE;

n. 2 SCRAP BUCKETS

Venezuela on behalf of Danieli - ITALY

Engineering and supply of complete handling material systems for LIME, CARBON AND FERRO-ALLOYS to be stored, dosed, weighed and conveyed to the following facilities:

- n. 1 EAF
- n. 1 LADLE in tapping position;



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- n. 1 LADLE-FURNACE;

ACCIAIERIA Grigoli - Verona - ITALY

Complete handling material system for ferro-alloys and additives, automatic storing, dosing and weighing, conveying and distribution to furnace, ladle and AOD with automation and supervision system PC - PLC (HW + SW).

- n. 1 EAF
- n. 1 LADLE in tapping position;
- n. 1 LADLE-FURNACE;

n. 2 SCRAP BUCKETS

ACCIAIERIA STEFANA - Brescia - ITALY

Complete plant for White Slag and Exhausted Refractories Recycling.

ACCIAIERIA VALBRUBA - Bolzano - ITALY

Complete plant for ferro-alloys and additives, automatic storage, dosage and weighing, transport and distribution to fill material in furnace, ladle and furnace-ladle and converter with automatic system and supervision (HW+SW).

ACCIAIERIA VALBRUBA - Vicenza- ITALY

Complete plant for ferro-alloys and additives, automatic storage, dosage and weighing, transport and distribution to fill material in furnace, ladle and furnace-ladle and converter with automatic system and supervision (HW+SW).

AL TANMIYA for Steel Ind. Irak

FUME DEDUSTING PLANT FOR MELT SHOP 1.000.000 mc

EQUIPMENT SPECIFICATION

- 2.1 WATER-COOLED DUCT (pipe to pipe type)
- 2.2 COMBUSTION CHAMBER, concrete / refractory type
- 2.3 HOT QUENCHING TOWER (HQT)
- 2.4 RADIANT DUCTING
- 2.5 AXIAL CYCLONE
- 2.6 CANOPY HOOD

- 2.7 CANOPY HOOD COLLECTORS**
- 2.8 MAIN DUCT**
- 2.9 EXPANSION JOINTS**
- 2.10 DAMPERS**
- 2.11 BAG FILTER**
- 2.12 BOOSTER FAN**
- 2.13 MAIN FANS & MOTORS**
- 2.14 STACK & EXHAUSTING SYSTEM**
- 2.15 DUST HANDLING & STORAGE**
- 2.16 PELLETISING UNIT**
- 2.17 STEEL SUPPORTING STRUCTURE, STAIRS AND WALKWAYS**
- 2.18 ELECTRICAL EQUIPMENT**
- 2.19 AUTOMATION & INSTRUMENTATION**
- 2.20 INSTRUMENTATION**
- 2.21 CABLES**
- 2.22 ELECTRICAL ERECTION MATERIAL**

AL TANMIYA for Steel Ind. Irak

Complete handling material system for ferro-alloys and additives, automatic storing, dosing and weighing, conveying and distribution to furnace, ladle and AOD with automation and supervision system PC - PLC (HW + SW).

- n. 1 EAF
- n. 1 LADLE in tapping position;
- n. 1 LADLE-FURNACE;
- n. 2 SCRAP BUCKETS

ACCIAIERIA ARVEDI - Cremona - ITALY

Complete plant for ferro-alloys and additives, automatic storage, dosing and weighing, transport and distribution to fill material in furnace, ladle and ladle-furnace with automatic system and supervision (HW+SW).

Complete dedusting system for Ferro-alloy (HW+SW).

- n. 6 Underground Receiving Hoppers
- n. 3 Storage batteries (total capacity 1500 m³)
- n. 1 EAF 120 ton
- n. 1 EAF COONSTEEL SYSTEM 250 ton
- n. 2 LF 120 ton
- n. 2 LF 250 ton



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-
- complete dedusting system for Ferro-alloy
 - continuous charging in Coonsteel System of Cast Iron

Complete Alumina Plant for ALCOA S.p.A. - Cagliari- ITALY
(Receiving from self-unloading cargo boats -Belt Weighing-Transporting and Storing)

Complete fixed plant for receiving Alumina from self-unloading cargo boats, transporting of alumina from quay to storing silos with rubber belts placed inside soundproof caulked tunnels for a length of approximately 3 km, belt-weighing system included, which are complete with its dedusting system, for a transporting capacity of 500 ton/h (Hw, sw and automation).