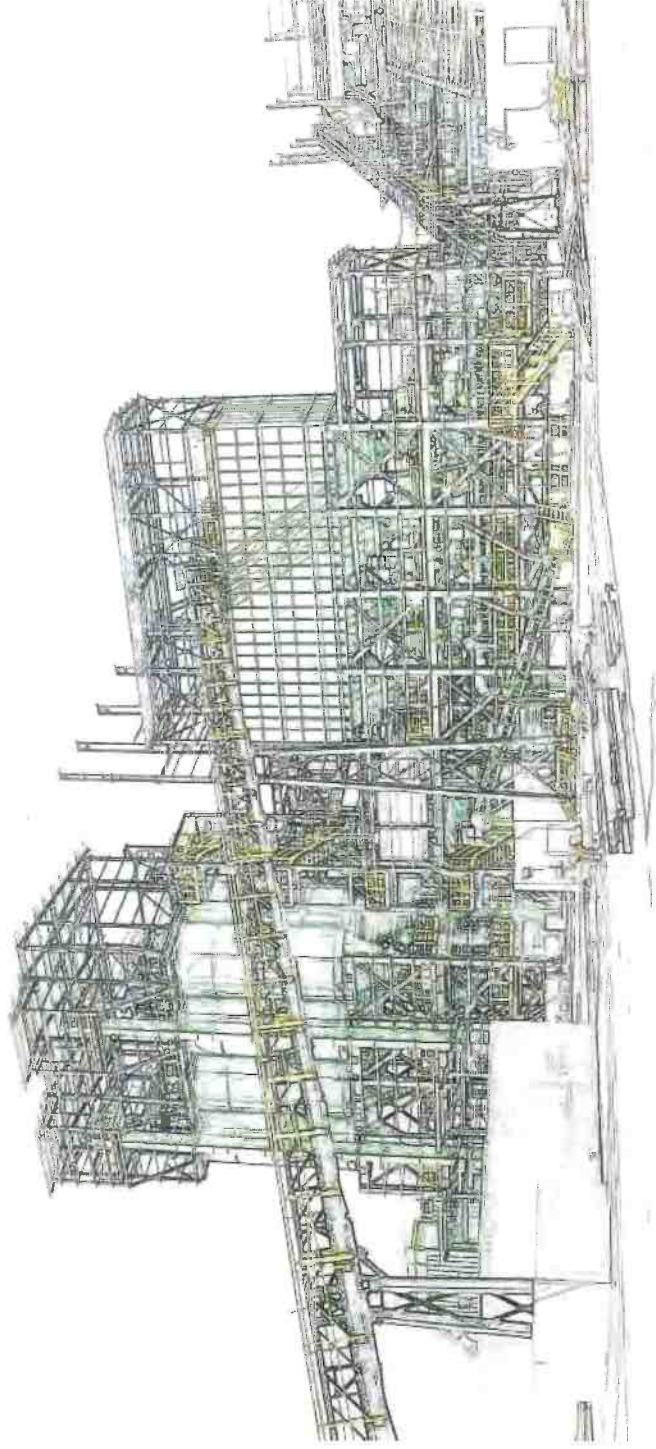




**DESIGN AND ENGINEERING OF PLANTS AND EQUIPMENT
FOR BULK HANDLING, WEIGHING AND DOSING**



STUDIMPIANTI SEI SRL

*Viale Rimembranze, 1 20026 Novate Milanese – MI – Italy
Tel. +39(0)2 3543016 – 3546239 Fax. +39(0)2 33240365
www.studimpianti.com Info: commerciale@studimpianti.com*

The Company STUDIMPIANTI SEI srl was founded 18th May, 1979.
Our head offices are located in Novate Milanese, close to Milan,



while the production department is located near Treviso in the Nord-Est of Italy.



In general STUDIMPIANTI SEI srl enjoys a position of prestige for more than thirty years in the field of the treatment of bulk materials (material handling), mainly through mechanical transport, pneumatic transfer, electronic weighing, mixing and storage systems.

The fields of applications in which our business are more developed are the design, manufacture and commissioning of plants for:

Batch house for flat and hollow glass

Rotary and reverb furnaces feeding for primary and secondary aluminum foundries

Steel furnaces (EAF-LF) ferro alloy and steel scraps feeding

Rubber production

Ceramic production

Ecological plants for materials reclaim

The industry in general

everything is in the form "Turn Key" or through targeted modernization of plant parts.



The Increasing of sensitivity for safety and the application of Legislative Decree 81/08 have brought STUDIMPIANTI SEI srl to put even more attention to the prevention of accidents in the workplace, increasing resources to be used both in the design phase of construction and installation of our systems.

Our company, in the case of installation of the systems, makes use of specialized companies in managing the organizational aspects, relations with the supervisory bodies, search of authorized and specialist companies for the execution of the works (in sub-contract) in safety condition, through the preparation of:

Security plans and coordination;

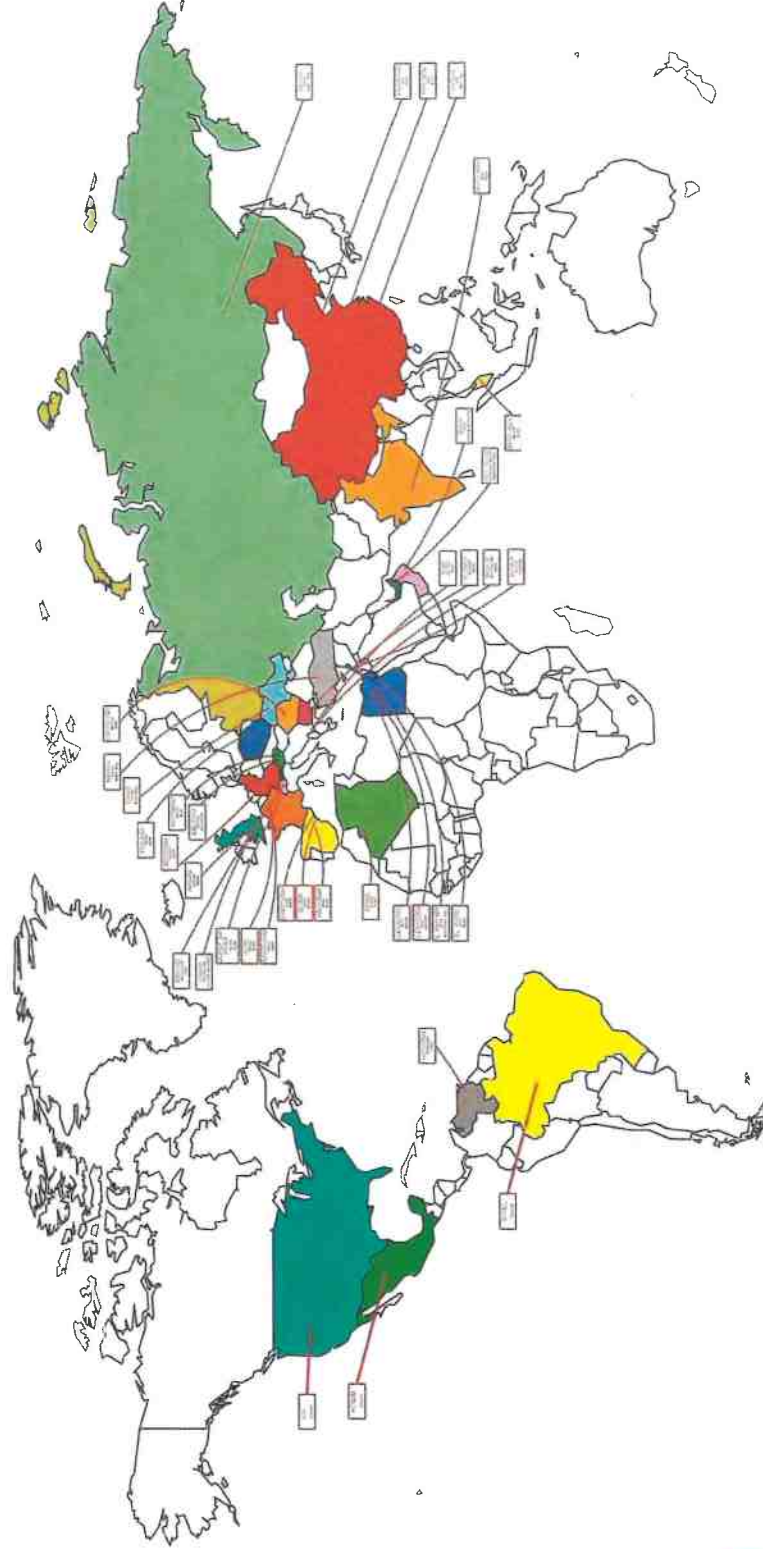
Risk assessment (Legislative Decree no. 81/08);

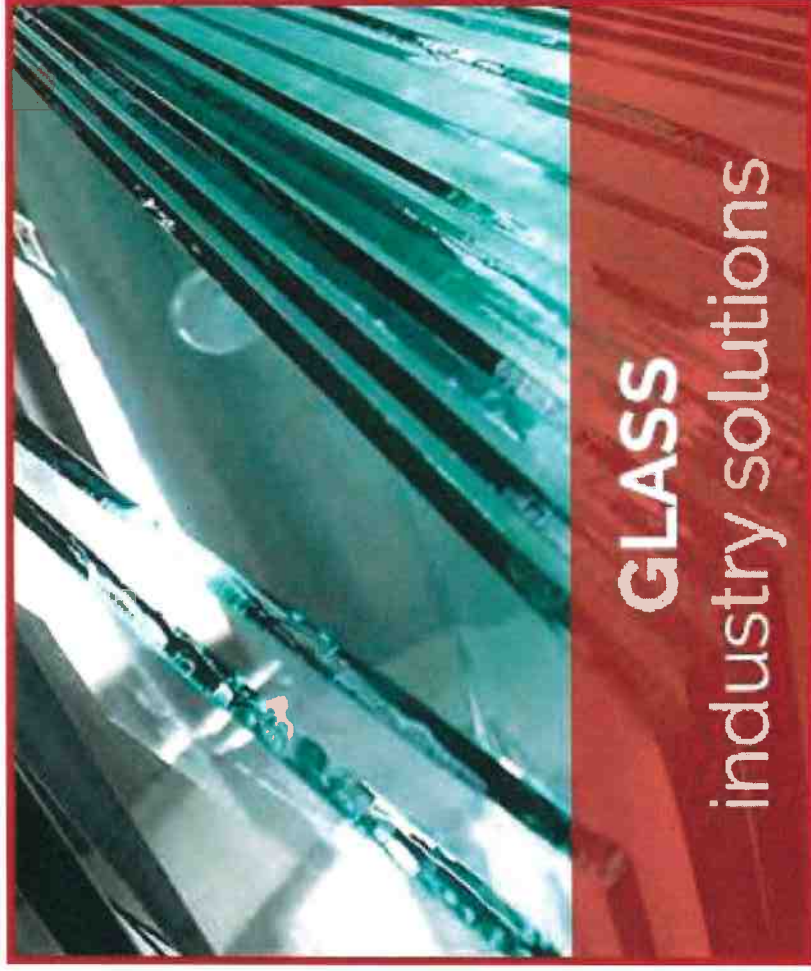
Certification of plants;

Interface customer / supplier throughout the course of the work, starting from the design stage up to the plant start turnkey.



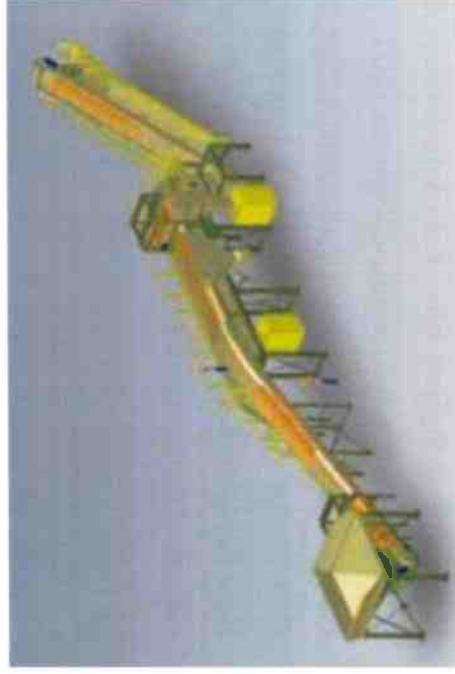
STUDIMPIANTI SEI IN THE WORLD





ALVER (Gruppo Saint Gobain) - Algeria

- Manual sorting plant and crushing system for cullet "ready for furnace" (2011-2012)
- Revamping of Batch plant and furnace conveying system (2011-2012)
- Graphite storage and weighing system (2014)



ARDAGH GLASS - Montorio al Vomano (TE)

- N.2 static weighing hoppers installation (2012)
- Series of batch house improvement (2013-2014)
- N.3 Bucket Elevators for sand and cullet Batch House charging (2020)
- New furnace hoppers and Batch transport system (2020)
- New furnace Emergency cullet feeding system (2020)
- Elevator replacement and dedusting filter (2020)



BORMIOLI LUIGI S.p.A. - (Parma)

- Batch and cullet automatic charging system “Turn key” for n. 4 furnaces (2005)
- N. 2 centrifugal discharge bucket elevators for cullet (2006)
- N. 2 centrifugal discharge bucket elevators for cullet (2008)
- N. 1 powder recovering and conveying system (2010)
- N. 1 dust reclaiming with chain scraper (2011)
- Revamping bucket elevators for cullet (2011)
- N. 1 dust reclaiming with chain scraper (2014)



BORMIOLI LUIGI S.p.A. Ex Vetrie Rioda

- Ex Bormioli Rocco & Figlio S.p.A. – (Abbiategrosso - MI)

- Wet sand storage and weighing plant (1990) - (hollow glass).
- Weighing system for furnace's loading hopper (1990) - (hollow glass).
- Screening, storage and continuous weighing plant for cullet (1992) - (hollow glass).
- Revamping of power and logic panels - Weighing for composition plant (1993) - (hollow glass).
- Batch and small products revamping plant and cullet conveying (1999)
- Humidity check and regulation plant for batch (2007)
- De dusting plant for weighing hoppers (2009)
- Batch plant revamping (2007)
- Cullet bucket elevator replacement (2011)
- Batch House Maintenance and new for storage silos charging bucket elevator, supply and installation of crusher for crushing waste glass bottles (2013)



-N. 1 Charging and crushing plant for cullet (2021)



BORMIOLI PHARMA BERGANTINO

- New furnace hoppers and batch transport feeding system (2019 – 2020)



- Weighing and dosing Atex system for coke (2020)

BORMIOLI ROCCO S.p.A. - (Parma)

- Special screw conveyor for furnace feeding (1985)
- Conveying and storage plant for cullet (1986)
- Pneumatic conveying for storage silos (1987)
- Completing of new pneumatic conveying system for storage silos (1989)
- Vibrating feeders for furnace (1990)

BORMIOLI ROCCO S.p.A. - Vetreria Padana Polesana - (Bergantino - RO)

- Conveying and screening plant for cullet (1990)
- Vibrating feeder for loading furnace (1990)
- Vibrating chutes for hot cullet scavenging (1996)
- Cullet conveying and crushing system (1996)
- Cullet control panel hardware and software upgrade (2012)
- Silos and cullet plant revamping (2012)
- Silos cullet maintenance (2013)
- Bucket elevator for hot cullet reclaiming (2015)
- Dedusting filters for Batch House silos (2015)

BORMIOLI ROCCO S.p.A. - (Fidenza - PR)

- Charging extracting and dosing system for Erbium (2011)
- Revamping for batch plant and cullet recovering system (2011)



BORMIOLI ROCCO S.p.A. - (Trezzano Sul Naviglio – MI)

- Vibrating feeder for wet sand (1986)
- Cullet conveying and storage plant (1986)
- Dedusting filters for storage silos (1989)
- Vibrating feeders for batch plant (1992)
- Vibrating feeders for batch plant (1993)
- Vibrating feeders and weighing hoppers for batch plant (1995)
- Vibrating feeders and weighing hoppers for batch plant (1997)
- Cullet storage hopper and vibrating feeders for cullet (1997)
- Dedusting filters for storage silos (2012)

BORMIOLI ROCCO S.p.A. - Divisione Casa (Abbiategrosso - MI)

- Batch plant and cullet plant revamping (1999)
- Pneumatic charging for small products in to the storage silos with dedusting units (2000)
- Batch plant Improvements with soda storage installation - (2001)
- Mixer for minor products (2012)



BORMIOLI ROCCO S.p.A. - Divisione Casa (Altare - SV)

- Engineering for Batch House revamping(1996)
- Storage plant, automatic weighing system, mixing and small products feeding system (1997)
- Soda storage silos enlargement (2011)
- Cullet silo replacement (2012)
- Batch House mixer replacement (2014)
- Furnace hopper extraction system Improvement (2015 and 2019)



BORMIOLI ROCCO S.A. - AZUQUECA (Spagna)

- Mixer installation and new mixer download system (2016)



BORMIOLI PHARMA - San Vito al Tagliamento (PN)

- Batch house revamping (2013)



- Stand alone and removable Atex weighing system (2020)



- Furnace emergency load (2021)



STOELZLE MASNIERES - GRUPPO BORMIOLI ROCCO FRANCA

- Cold cullet recovery plant (2013)



ECOGLOSS S.R.L. - Dego (SV) - SAINT GOBAIN VETRI GROUP

- Manual and automatic pre-selection and selection for “ready for furnace” cullet production: magnetic and no-magnetic selection, optical and ceramic selection, screening, crushing, dynamic weighing systems (2002)
- Automatic selection plant for “ready for furnace” cullet production (ceramic, glass/ceramic, plastic detection) (2010)
- Sand of cullet screening system (2011)
- Bucket elevator for Sand of cullet replacement (2011)
- Pneumatic transfer system for cullet dust from existing filter to tank trucks (2011)



- Cullet treatment plant with optical systems (2012)
- Cullet treatment plant with optical system (2013 - 2014)
- Cullet belt conveyor belt installation(2013)
- Powder cullet pneumatic transfer and dosing system (2014)



FLOVETRO - (San Salvo - CH)

- Storage plant, automatic weighing and mixer loading for small products – Float glass (1981)
- Weighing and screening plant for wet sand (1984) - Float glass

GLAVERBEL ITALY S.R.L. - (Fuorni - Salerno)

- Iron Oxide and Carbon weighing system (2000)
- Batch material and cullet magnetic detection (2001)



GLAVERBEL ITALY S.R.L. - (Cuneo)

- Batch plant and cullet plant revamping, conveying, weighing and furnace feeding (2002)

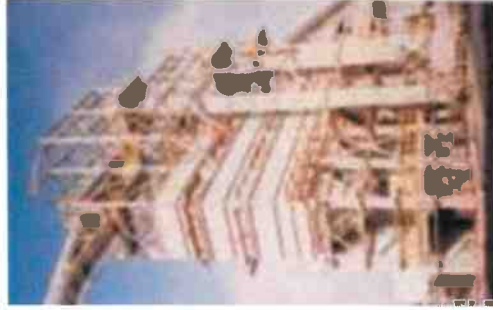


New storage, dosing and pneumatic transport system for limestone, dolomite and soda (2002)



IN.GL.EN. - Calenzano (FI)

- Batch plant for automatic, weighing, mixing and float glass furnace feeding (1991 Malaysia)
- Batch plant for automatic weighing, mixing and furnace loading system (1993 ITALY)
- Cullet storage and crushing system (1993 ITALY)
- Batch plant with storage, weighing, mixing and furnace loading system (1996 Egypt)
- Crushing and storage plant for limestone and Dolomite (1997 Egypt)
- Screening and storage plant for dry sand (Egypt 1997)
- Cullet conveying, crushing, storage and weighing system (Egypt 1997)
- Batch plant for automatic. weighing and mixing system for furnace float glass (1996 Malaysia)
- Batch plant for automatic, weighing and mixing system for float glass furnace feeding (1997 Malaysia)
- Batch plant, weighing and mixing system for flat glass furnace feeding (1997 Egypt)



O I MANUFACTURING ITALY GROUP

O I STABILIMENTO DI Aprilia (LT)

- New belt conveyor lines for batch conveying to the furnaces F1 - F2 - F3 (2003)
- New belt conveyors lines for cullet conveying and recycling system (2003)
- New Batch house line system for colored glass (2013)
- Revamping minor product plant (2018)



-Replacement sand bucket elevators (2022 - 2023)



O I STABILIMENTO di ASTI (AT)

- Cullet plant for recycling, crushing, storage and continuous weighing system (1988)
- Batch house revamping (2015)
- Batch house and new bucket elevator feeding system(2017)
- Replacement sand and cullet double vibrating feeder (2017)



O I STABILIMENTO di CORSICO (MI)

- Cullet intake and storage system (2001)



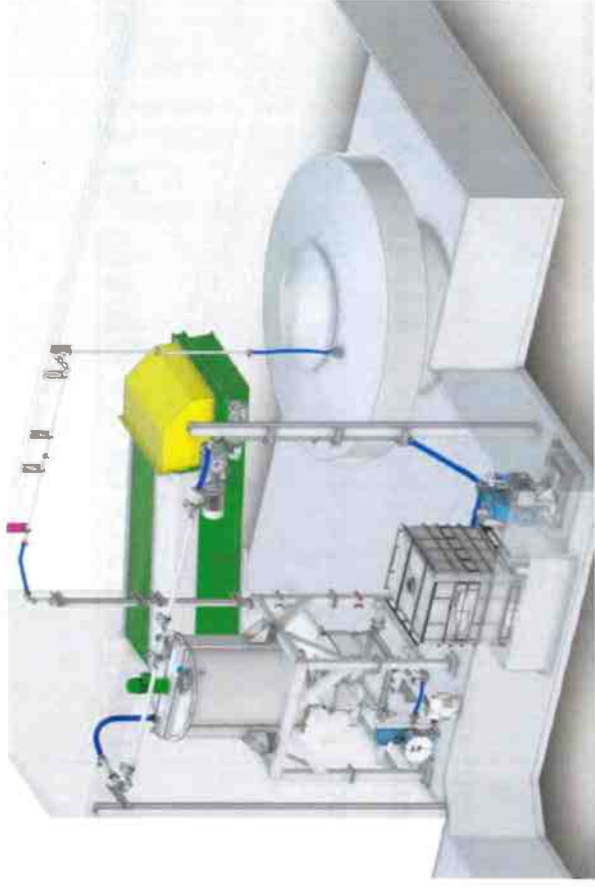
O I STABILIMENTO DI Mezzocorona (TN)

- Storage, weighing plant for raw material (1998)
- Storage, weighing and conveying system for batch (1999)
- Sand conveying system for storage silos (1999)
- Cullet storage, conveying and weighing system (1999)
- Dust extraction installation (2022)



O I STABILIMENTO di Origgio (VA)

- Batch plant with storage, weighing, mixing and furnace feeding
- Cullet recycling, crushing, storage and continuous weighing system (1988)
- Cullet recycling, crushing, storage and continuous weighing system(1988)
- Liquid iron oxide additive system for the Glass Industry (2023)
- Dust emission improvement in the mixer area (2023)



O I STABILIMENTO di Sesto Calende (VA)

- Complete composition plants for storage, weighing, mixing and loading of the furnace for the materials of the batch (glass containers) (1986)
- Complete plant for recycling, crushing, storage and continuous weighing for cullet (1986)

O I STABILIMENTO di ' Villotta di Chions (PN)

- Batch plant upgrade and revamping (2003)



O I AVIRUNION (Dubi - Czech Republic)

- Complete composition plants for storage, weighing, mixing and loading of the furnace for the materials of the batch (1994)
- Raw material bucket elevators conveying (2001)

O I STABILIMENTO di San Domenico Vetraria (Ottaviano - NA)

- Batch plants for storage, weighing, mixing and loading of the furnace for furnace feeding (1987)
- Batch plant and furnace conveying system revamping (2000)
- Cullet weighing and conveying system (2005)
- Replacement of bucket elevator for cullet complete of accessories (2011)
- Bucket elevator replacement and maintenance (2013)

O I MANUFACTURING - Harlow (Inghilterra)

- Internal cullet storage and dynamic weigh system - pre-heater and furnace feeding system (2015)



O I NOVE SEDLO (CZ)

- Batch house revamping (2021)



O I- Oroshaza (HU)

- New furnace hopper and batch transport feeding system (2018)



O I STABILIMENTO DI San Polo di Piave (TV)

- Revamping Batch Plant and cullet recovery system for FURNACE 4 (2010)
- Charging and discharging plant for second mixer (2011)
- Material transfer system (2013/2014)
- Plant for the recovery, storage and dosing hot and cold cullet (2014)
- New bottle crusher and feeding system (2019)
- New small product weighing and pneumatic transfer systema (2020)



O I SICILVETRO (Marsala - TP)

- Batch plant revamping for batch and cullet (2004)
- Mechanical Batch house Upgrade (2015)



O I STABILIMENTO di BARI

- Emergency mixer installation (2011)



O I - VETTERIE MERIDIONALI (Castellana Grotte - BA)

- Batch plant revamping for conveying, storage and weighing system (1999)
- Storage, weighing and conveying small products plant (2000)
- Revamping, conveying and weighing for internal cullet (2001)
- Storage, weighing and batch conveying to furnace F3 (2001)
- Weighing and conveying system for sodium sulphate (2001)
- Weighing and conveying system for soda (2002)
- Weighing and conveying system for dust de dusting filter (2003)
- Complete plant for recycling, crushing, storage and weighing for hot cullet Furnace 3 (2007)
- Mixer replacement (2022)
- Deep revision and update of cullet recovery plants (2022-2023)





O I VAYRES

- Cullet storage silos & handling turn key plant (2023)



O I VIDRERIA ROVIRA (Barcellona - Spagna)

- Belt conveyor feeding for furnace hoppers (2000)
- Batch plant revamping (2003)
- Belt conveyor for cullet silos charging (2012)



O I PUY GUILLAUME

- Sand bucket elevator (2017)



O I REIMS

- New Crusher installation for hollow glass (2016)
- Batch House Revamping with mixer replacement and small products improvements (2016)
- New daily silos for furnace and batch transport system (2018 - 2019)
- Hot and cold cullet reclaiming system (2018-2019)
- Emergency cullet charging system (2019)
- Dynamic weighing system for cullet (2020)



RUBIN - Pleven (Bulgaria)

- Batch plant for GREEN / FLINT glass (2007)
- Crushing and reclaiming plant for cold and hot cullet (2009)



VERALLIA GROUP

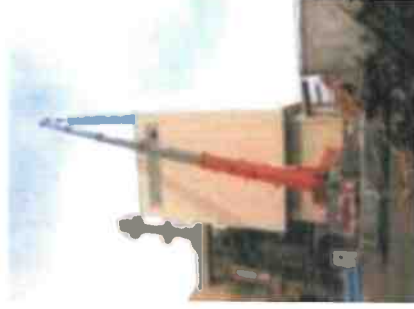
VERALLIA ITALIA S.P.A. - Gazzo Veronese (VR)

- Revamping vibrating feeder for batch furnace feedeing (2001)
- Batch plant and cullet recovery system revamping for Furnace 72 (2009)



VERALLIA ITALIA S.P.A. - Villa Poma (MN)

- Small product weighing system for sodium sulphate / coke - (2001)
- Batch plant revamping for F42 furnace (2003)



VERALLIA ITALIA S.P.A. - Dego (SV)

- Batch plant revamping (1996)
- Storage, weighing and conveying plant for humid sand and sodium sulphate (1996)
- Enlargement batch plant for furnace 13 (1999)
- Cullet crusher feeding plant for furnace 13 feeding (2000)
- Dedusting and weighing plant for minors products for Furnace F12 (2001)
- Replacement bin activators assembled below the furnace silos for furnace F13 (2003)
- Dedusting plant for storage silos and small product dosing system furnace 11-12 (2001)
- Cullet crushing, conveying and feeding system for furnace F 11 and F12 (2001)
- Cullet extraction and dosing system (2011)
- Batch house revamping during furnace rebuilt 12 (2013)
- New coke/cobalt weighing system (2013)
- Batch house revamping (2015)



VERALLIA ITALIA S.P.A. - Carcare (SV)

- Cullet crushing, conveying and feeding system (2000)

VERALLIA ITALIA S.P.A. - Pescia (PT)

- Batch plant for storage, weighing, mixing and furnace feeding (1989)
- Cullet plant for recycling, crushing, storage and weighing for cullet (1989)
- Batch plant enlargement and revamping (1996)
- Wet sand storage plant and weighing system (1990)
- Raw material pneumatic conveying and storage system (1990)
- Batch plant enlargement and revamping (1996)
- Batch plant revamping and new conveying and weighing system for wet sand (1997)
- Engineering and supply soundproof wall for batch plant (1998)
- Storage, dosing and weighing system for small products (2003)

VERALLIA ISOVER (Bergisch Gladbach - Germania)

- Overhead belt conveyor system for furnace feeding (2014-2015)



VERALLIA ITALIA S.P.A. - Lonigo (VI)

- Revamping for Batch Plant and cullet recovery system for FURNACE 31 (2010)



SOCIETA' ITALIANA VETRO - SIV - San Salvo

-Crushing and recycling plant for fiberglass (1995)



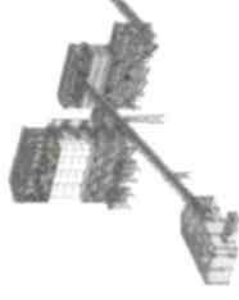
TECNO RECUPERI - Gerezano (VA)

- Optical machine insertion complete with feeding system with bucket elevators (2015)
- Cullet plant for line 3 (2016)
- New cullet treatment system for line 2 (2017)
- New cullet treatment for line 3 (2018)



TECHINT/STM/TENOVA GROUP - Milano - Glass Sector

- Turn key batch plant for production of glass pipe (1989/1990 – China)
- Glass wool production Batch plant (Turkey -2007)
- Turn key batch plant for storage, weighing and mixing and furnace loading of products for glass production (1990)
- Batch Plant for Rock wool Production line (2007 -STM - Danko 1 - Ukraine)
- Batch Plant Rock wool Production line (2007 - STM - Samara -Russia)
- Batch Plant glass wool Production line (2007 -STM - Abu Dhabi)
- Batch Plant Rock wool Production line (2007 -STM - Danko 2 - Ukraine)
- Grizzly vibrating screen (2008)
- Batch plant for glass wool and rock wool production (2009 - STM - Egypt)
- Batch plant for glass wool and rock wool production (2012 - STM - China)



TECHNOGLASS - Voitsberg - Austria

- Batch plant for storage, weighing, mixing and furnace feeding (1987) - (printed glass)
- Weighing raw materials groups and glass composition pneumatic conveying
- Cullet recovering, crushing and weighing (1994)
- Weighing small products groups (1995)
- Pneumatic conveying plant - mixing and mechanical conveying for glass production (1997)
- PLC Telemecanique PLC substitution, enlargement General Electric PLC (2007)

TOSCANA GLASS - Pisa

- Cullet transport and continuous weighing system (1982)
- Transport and crushing system for cullet (1986) - (plane glass)
- Conveying plant for emergency charge of teaser hopper (1986)

VEBAD - Gioia Del Colle (BA)

- Batch house revamping (2015)
- Hot and cold cullet reclaiming system revamping (2015)



VEBAR - Gruppo AVIR - Napoli

- Mechanical and pneumatic storage system for batch plant complete of weighing and mixing system for small products (1983)

CONSUMERGLASS - Montorio al Vomano

- Batch plant and furnace charging “TURN KEY” plant for hollow glass production (1992)
- Cullet storage crushing, dosing and weighing system (1992)

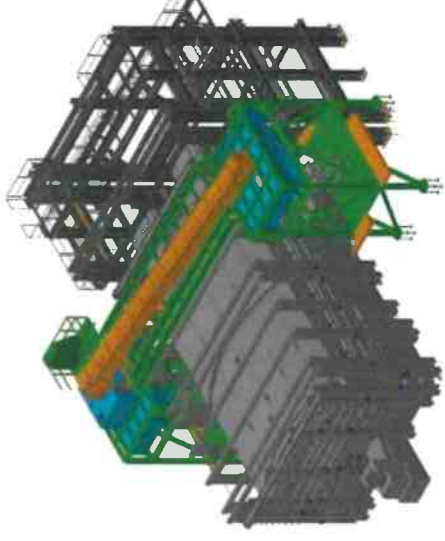
VETROPACK - Trezzano sul naviglio (MI)

- Screw conveyor tubular and electromechanical feeder (2017)



VETRERIE RIUNITE - Colognola ai Colli (VR)

- Cullet vibrating conveying system(1988)
- Batch plant control panel for logic and weighing system(1988)
- Pneumatic conveying for raw materials storage silos (1989)
- Batch house revamping (1990)
- Dedusting plant from raw materials silos (1993)
- New storage silos for raw materials and 3rd mixer for batch plant (2005)
- New furnace hoppers and Batch transport feeding system (2017)
- New furnace hoppers and Batch transport feeding system (2019)
- New trolley belt conveyor (2020)



- Batch house upgrade and silos (2021)



VETRERIA ETRUSCA (Altare - SV)

- New batch house enlargement complete of weighing system for cullet and sand (2015)
- New hot and cold reclaiming system for green and flint glass (2015)
- New cullet spillage reclaiming for hot and cold belt conveyor reclaiming system (2016)



ZIGNAGO VETRO S.P.A. - Fossalta di Portogruaro (VE)

- Complete plant for storage, weighing, mixing and loading furnace for raw materials
- glass production (1995)
- Raw materials loading system and material distribution complete of de dusting units (Portogruaro 2001)
- Charging and storage plant for bulk material (Portogruaro 2001)
- New coke weighing system (Portogruaro 2015)



ZIGNAGO VETRO S.P.A. - Empoli (FI)

- Automation and control panels for batch plant (1995)
- Batch plant, batch conveying system and dedusting system for hollow glass production (1995)
- Storage and extraction system for glass sand (2012)
- Cullet storage and extraction system (2014)
- New batch and cullet conveying system furnace feeding (2015)
- Cullet furnaces feeding emergency plant (2015)
- New dedusting system for furnace's belt conveyors (2016)



ZIGNAGO VETRO S.P.A. - Verreries Brosse (France)

- “Turn key” batch plant including mechanical and electrical assembly, control panel, control room, start up and commissioning (2002)
- Enlargement batch plant for charge new furnace (2008)
- Big/Bag emptier and pneumatic transfer for small product (2008)



HSC GRUPPO ZIGNAGO POLONIA

- Turn key Batch house (2016)
- Cullet recycling plant for furnace 6 (2016)
- Emergency cullet furnace 6 charging (2016)





STEEL
Industry solution

ACCIAIERIE DI CREMONA I.S.P. – Cremona

- Modifications to ferroalloy plant (1994)
- Automaticferroalloy /lime aricamento for LF (1995)
- Revamping continuous charge EAF /LF automatic powder and material recovery systems (2004)



ACCIAIERIE E FERRIERE LOMBARDE FALCK - Sesto San Giovanni (MI)

- Loading storage and weighing system 5th hole and ladle for ferroalloys and additives (1987)

ACCIAIERIA F.LLI STEFANA - Ospitaletto (BS) - Italy

- Loading storage and weighing system 5th hole and ladle for ferroalloys and additives (1990)
- Storage and weighing system for hole /ladle (1990)
- Pneumaticcoal storage and pneumatic conveying of the same to the inlet lances (2000)



ACCIAIERIE MOCCIA - Pomezia (Roma)

- Storage and weighing plant for EAF 5th holes and LF charging with ferro alloy and additives (1990)

ACCIAIERIE “MONTEFORNO” – Svizzera

- Storage and weighing plant for EAF 5th holes and LF charging with ferro alloy and additives (1995)
- Automatic weighing system for continuous casting (1987)
- Automatic weighing system for continuous casting (1989)
- Weighing plant for LF charging (1992)
- Control and power electrical board replacement for furnace EAF plant (1993)

ACCIAIERIE VENETE – Padova

- Storage and weighing plant for EAF 5th holes and LF charging with ferro alloy and additives (1984)
- LF additives charging system (1989)

DANIELI & C. OFFICINE MECCANICHE - Buttrio (UD)

- Pocket belt conveyor for DRI reactor charging (2007)
- Materials recovery system for pocket belt conveyor (2009)



MAK. STIL - Skopje (Macedonia)

- Lime and ferroalloy storage and weighing plant for ladle ovens (2001)

ORI MARTIN S.P.A. – Brescia, Italy

- Addition of ferroalloy system for new Installation Consteel (1998)
- Ferroalloy transport plant to the furnace and dust recovery (2000)
- Ferroalloy receiving and transport system for VOD (2002)
- Dust recovery systems under conveyor belts (2003)
- Conveyor systems with conveyor belts and recovery of weighed concrete and lime powders to the melting furnace (2006)
- Vibrating channel with cooled frame for EAF oven loading (2011)
- Loading system 5th hole new furnace and ladle (2015)
- Weighing and loading system for magnesite oven (2008)
- Lime and coal loading system for EAF oven with rotary belt (2010)



TENOVA Milan - Steel Sector

- Conveyor belts for ferroalloy loading at Orimartin (Brescia) (1998)
- Skip transport system, powder weighing for CHIMET melting furnaces (2002)
- Storage, weighing and transport to EAF1 - EAF2 melting furnaces, LF1 - LF2 ladle furnaces and EAF1 - EAF2 tapping (2005/2006 Rengali/Orissa - India)
- Storage, weighing and transport of ferroalloys to the ladle oven LF (2005 - Sidor - Venezuela)
- Storage, weighing and transport to EAF3÷4 melting furnaces, LF3÷4 ladle furnaces and EAF3÷4 tapping (2008/2009 - Rengali - Orissa - India)
- Basic design for Material Handling plant for Shahid Kharrazi Project - IRAN - (2010)



- Storage, weighing and transport for ferro-ally to EAF - LF - VOD (2018)



- Charging plant for HBI and alluminium for LF (2019)



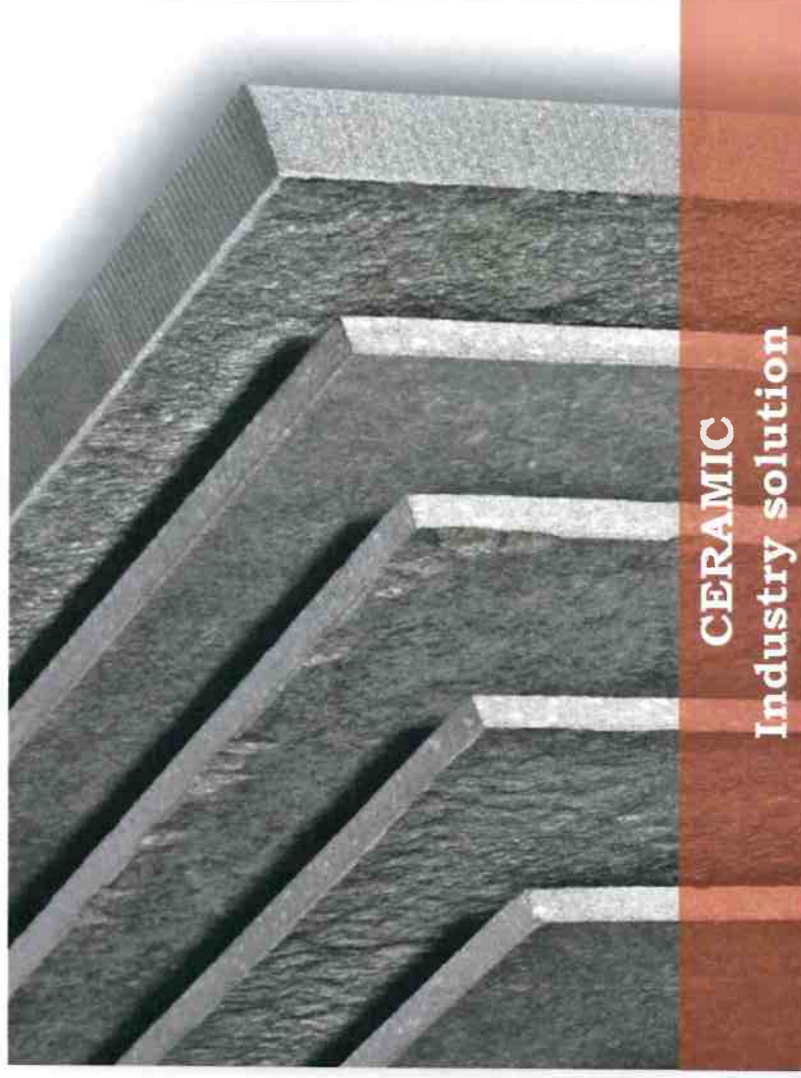
- Charging plant for LF (2021)



TENARIS DALMINE S.P.A. - Dalmine (BG) - Italy

- Revamping ferroalloy plant and addition of high-quality ferroalloy loading and weighing system (2008)
- Modification to the ferroalloy loading system for displacement LF2 (2012)





CERAMICA ETRUSCA – Vercelli

- Transport plant, storage, automatic weighing, Transport of materials weighed by dies (1980)
- Plant for transport and recovery of green waste, dried waste, cooked waste (1981)
- Plant for silage, screening and loading presses for atomized powder (1984)

STYLON CERAMICS - Vaprio D'Agogna (NO)

- Transport plant, storage, automatic weighing, transport of weighed materials to mills and dissolvers (1981)
- Arrangement of transport, lifting and distribution system for atomized powder (1982)

CERAMICA VOGUE - Cerrione di Vergnasca (VC) - Italy

- Atomized powder conveyor and press loading plant (1981)

LECICO EGYPT CERAMICS - Alexandria (Egypt)

- Storage plant, recovery, automatic continuous weighing, transport of weighed materials to mixers and dissolvers (1982)
- Storage, recovery, screening and loading of presses for atomized powder (1982)
- Storage, recovery, screening and loading of presses for atomized powder (1985)
- Plant storage, recovery, screening and loading presses for atomized powder (1986)
- Automatic weighing and pneumatic conveying plant at dust mills (1986)
- Dedusting plant for tile transport lines (1986)
- Storage, recovery, screening and pressing for automated powder (1988)





S.I.T.I. - Marano Ticino (NO) - Italy

- Plant for the transport of weighed materials to mixers (Spain - 1981).
- Atomized powder conveyor plant for loading presses (Germany - 1983).
- Conveyor plant for loading presses for atomized powder (Venezuela - 1983)
- Screening plant storage, continuous weighing, continuous mixing and loading presses for atomized powder (Taiwan - 1983)
- Weighing storage plant and loading presses for atomized powder (Pakistan - 1984)
- Storage, weighing and loading plant for atomized powder presses (Malaysia - 1985)
- Transport with vibrating machines for atomized powder (India - 1986)
- Continuous storage, weighing and mixing plant and silo loading for atomized powder (China - 1986)
- Storage, weighing, mixing plant loading presses for atomized powder (Thailand - 1988)
- Continuous storage and weighing plant and silo loading for atomized powder (United States - 1989)
- Continuous storage and weighing plant and silos loading for atomized powders (Mexico 1989 - China 1988/1989 - Malaysia 1989 - Italy 1989 - Malaysia 1990 - China 1990)
- Continuous storage and weighing plant and silos loading for atomized powders (China 1993 - Morocco 1993 - Malaysia 1993)
- Continuous storage and weighing plant and silo loading for atomized powder (1994 - China)
- Weighing plant for loading mills (1995 - Morocco)
- Vibrating feeders and screens for atomized powder (1996)

UNICERAMIC S.A.L. - Beirut (Lebanon)

- Storage, screening and loading plant for atomized powder (1983)



ALCOA ITALIA S.P.A. - Porto Marghera (VE) - Italy

- Transport and mixing system for Alumina and Ground Bath (2001)
- Continuous storage and weighing plant for fine coal dust (2001)
- Storage and weighing plant for carbon powders for anode filling (2005)
- KEMPE filter alumina powder pneumatic conveying system (2006)
- N. 1 fluoride dosing system on fluidized duct rotating third room / fourth room (2008)
- N. 1 fluoride dosing system on rotating fluidized channel (2009)



ALCOA ITALIA S.P.A. - Portoscuso (CA) - Italy

- Mechanical transport, screening and storage systems, by pneumatic conveying of powders from slag-making bags for aluminium melting furnaces (1997)
- Continuous transport and weighing system for alumina and bathroom (1998)

ALFER HOLDING GmbH - Sollenau (Austria)

- Crushing, screening, deferrization and weighing plant for aluminium slag (Russia 1991)

DERAL S.P.A. - Manerbio (BS) - Italy

- Roller shutter conveyor for aluminium scraps (2001)
- System for receiving and dosing aluminium filings for briquetting machine (2002)



ESTRAL S.P.A. - Manerbio (BS) - Italy

- Plant for the recovery and weighing of aluminium scraps of extruders (1997)
 - Metal tape for the recovery of extruded aluminium scraps (2000)
 - Roller conveyor for aluminium scraps (2003)
 - Aluminium scrap recovery and transport plant (2006)
 - New pocket conveyor belt and modification to existing collector belt (2008)
-
- Insertion of a hydraulically operated weighed dump truck for aluminium scrap discharge (2011)
-
- Insertion of a tilting chute for the discharge of aluminum scraps (2012)
 - N. 1 roller shutter elevator belt (2018)



FEMA - Cortenuova (BG) - Italy

- Plate extractor for extraction and dosing of aluminium scraps (1993)

FORNI ENGINEERING – Milan

- Powder Transport and Treatment System (2009) – China

LOBO - Cornaredo (MI) - Italy

- Transport system for scrap metal (1983)

RAFFMETAL S.P.A.

- Storage and handling system for crankses, plates, chips and grains of aluminium (1994)
- Plant storage, extraction and weighing of salt slag powders (1994).
- Difference storage and weighing system for crankses, plates, chips and aluminium grains (1995)
- Dust extraction system (1995)
- Storage, weighing and automatic loading of furnaces with aluminium scraps (1995)
- Existing silo loading conveyor belts with aluminium scraps (1995)
- Dust extraction filters (1996)
- Cooling and storage system for aluminium chips (1999)
- Storage system, difference weighing, transport and loading of ovens automatically for crankses - plates - sheets (1999)
- Storage and recovery system for crankses - plates - sheets (1999)
- Storage, weighing, continuous weighing and feed dryer system for aluminium chips (1999)
- Plant for the transport, continuous weighing and storage of sludge from press filters in the pits (2000)
- Afterburner screening and feeding plant for aluminium powders (2000)
- Continuous weighing and transport plant for aluminium sludge (2001)
- Aluminium sludge transport and storage plant (2003)
- Storage, weighing, continuous weighing and feed dryer for aluminium chips (2003)
- Continuous weighing system for conveyor belts (2004)



RAFFINERIA METALLI CAPRA - Castelmella(BS)

- Impianto di stoccaggio, pesatura e carico forno per chip di alluminio (1982)
- Slag powder storage plant (1988)
- Transport plant, crushing for aluminium scrap (1990)
- Continuous weighing system for powder (1993)
- Pneumatic conveying system for salt slag powders (1993)
- Chip and grain storage and extraction plant (1994)
- Conveyor belts, aluminium scrap (1996)
- Pneumatic storage plant for salt slag powders (1997).
- Dosing, mixing and weighing plant for salt slag powders (1997).
- Big/BAG emptying and screening plant for saline dust (1998).
- Plant for loading aluminium chips into the weighing hopper (1999).
- Continuous salt powder dosing and weighing plant in the reactor (1999)
- Storage, weighing and transport plant to aluminium melting furnaces (2000)
- Plant for weighing rotary reverberation and waiting melting furnaces (2002)
- Aluminium dust extraction system (2003)
- Storage, transport, drying and feeding plant for aluminium turning and scrap (2007)
- Wheeled vibrating loader for rotary melting furnace feed (2008)



SOMEF S.R.L.

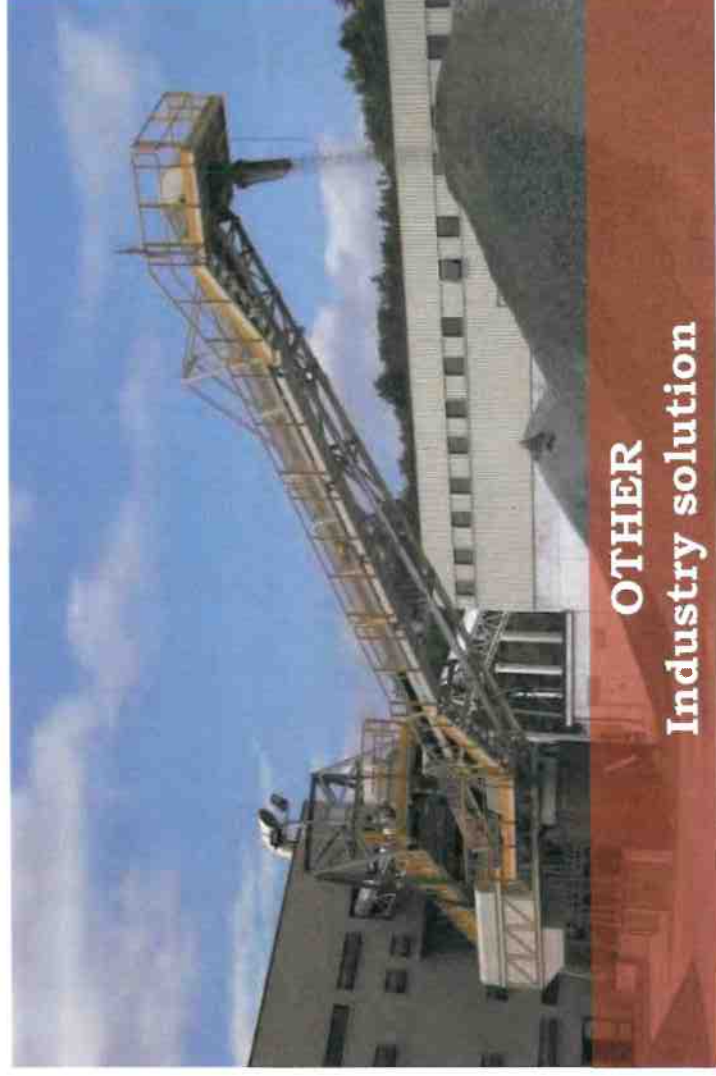
- Plant for feeding, drying, cooling and storage for aluminium sheets and casings (2002)



TONOLLI COSTRUZIONI – Milan

- Aluminium scrap shock loaders for packing load (1981)
- Shock loader for aluminium scrap furnace (Brazil - 1981)
- Smoke extraction system (Brazil - 1981)
- Dosing tapes, metal, scrap (Brazil - 1982)
- Vibrating screens for aluminium slag (West Germany 1982)
- Conveyor belts for the recovery of scraps from batteries (West Germany 1982)
- Design and various machines for plants (Cacapaca - Brazil and West Hill - United States 1982)





OTHER
Industry solution



AMCOR – Lugo di Vicenza (VI) – Italy

- Storage and mixing plant for special powders (2021)

ARTEMI SPIROVAC - Luino (VA) - Italy

- Conveying, weighing and mixing system for rubber and accelerants in chips (2003)

ARMACELL ITALIA S.P.A. - Trezzano Rosa (MI) - Italy

- Conveying, weighing and mixing system for rubber and accelerants in chips (2004)
- Expansion of the mixed material transport plant to the second extruder (2008)



ARMACELL IBERIA - Begur (Spain)

- Pneumatic powder conveying line (1996)



CARBITALIA – Lecco

- Storage, transport, weighing and loading kiln for lime and coal (1986)
- Automatic weighing unit for drums (1987)
- Automatic weighing unit for Batch (1990).
- Carbide storage plant (1990).

CIDA - Fino Mornasco (CO) - Italy

- Lime storage and dosing plant (1996)

CIFA - Novate Milanese (MI) - Italy

- Batching center cap. 800 mc. complete with transport, storage, extraction from silos and loading mixers (1982)
- Cooling plant for aggregates 200 mc (1982)
- Batching plants for dam cap. 1.000 mc. - China (1998)
- Batching plants for dams cap. 600 m, c. complete with storage, weighing and loading mixers (Cortes De Palma - Spain 1984)



CIFA PROGETTI - Novate Milanese (MI) - Italy

- Pneumatic storage plant, recovery Mechanical mixing and unloading= atomized powder presses (Switzerland - 1982)
- Pneumatic and mechanical storage systems, automatic weighing, mixing for vitrified raw materials (1982 - glass wool)
- Pneumatic storage system, automatic weighing and loading of ships for terminal/cement (1982)
- Coal ash transport and storage plant (1983)
- Pneumatic storage system, automatic weighing recovery and transport of weighed material to refractory plate mixers (1983)
- Automatic weighing plant for powders and oils and mixer loading for refractory brick production (1985)
- Pneumatic and mechanical storage system, automatic weighing, mixing for vitrified raw materials (1987) - (glass insulators)
- Bambury Gomma cargo storage, retrieval and weighing plant (1993 Egypt)
- Bambury Gomma Cargo Storage, Recovery and Weighing Plant (1993 Iran)
- Weighing belts for cement (1994)
- Weighing system for sludge belt (Porto Vesme - 1996)

FEMSA S.P.A. - Mesero (MI) - Italy

- Mixing and weighing plant for powders for electrode production (1990)

HAMON RESEARCH COTTRELL ITALI S.P.A. - Milan

- Design of transport, dosing, screening system for magnesium cooking ovens (2000)

IMPREGILO - Milan

- Extractor tapes for sand and aggregates (Pakistan - 1996)



ITALCHAMOTTE - Castel S. Elia (VT) - Italy

- Plant for silage crushing, screening and bagging for chamotte (1984)

LUZENAC VAL CHISONE - Pinerolo (TO) - Italy

- Bucket elevators for talc in size (1995)
- Pneumatic vacuum conveying system for talc powder (2002)

MABETEX ENGINEERING - Lugano

- Plant crushing, transport and screening of calcium carbonate (1995)
- BIG/BAG loading system, wagons, self-pulleys for calcium carbonate (1998)

PERMANENT MAGNETS - Milan

- dry sand storage and recovery plant (1981)



METITO OVERSEAS LTD - United Arab Emirates

- Storage and transport system with calcium carbonate water (2005)
- Limestone loading plant for water desalination (2013)
- Storage and transport system with calcium carbonate water (2014)



NOVA - Nova Milanese (MI) - Italy

- Cargo systems for ships, railway wagons and sacks (Mexico - 1982)
- Fertilizer storage and extraction plant (Mexico - 1983)
- Coal ash transport plant (1984)

NUTARELLI GIUSEPPE - Querceta (LU) - Italy

- Limestone feed system at the crusher (2013)
- Selection screen shift and selected powder path modification (2014)
- Replacement and upgrading of conveyor belts for truck loading (2015)



PULSAIR INTERNATIONAL

- Pitch flake storage and pick-up plant (1982)
- Rubber storage, weighing and loading plant for Bambury (1984)

REFEL (through ITALMONTAGGI S.P.A.) - San Vito Al Tagliamento (PD)

- Storage, crushing, weighing and loading furnaces for refractory brick (1988)

RESCOL CASTELLANZA S.R.L. - Castellanza (VA) - Italy

- Storage, weighing and pneumatic conveying plant for urea prillata (1999)

S.I.G.M.A. S.R.L. - Castellanza (VA) - Italy

- BIG/BAG emptying system (2006)

TEI - Milan

- Municipal waste reception, pre treatment and valorization plants (1999)

TECHNIPETROL - Rome

- Soda storage and dosing plant (Jeddah - Saudi Arabia - 1995)



VESUVIUS ITALIA S.P.A. – Genoa

- Drying plant for "ROT-ROD" (2004 - Cagliari)
- BIG/BAG charging and emptying plant "Blender" (2004 - Cagliari)
- Revamping and expansion of weighing, transport, mixing plant for refractory materials (2005 - Oleggio Castello - NO) – (2005)

VST Garbagnate Milanese – Milan – (MI)

- Plate extractor and belt for waste transport (1995)

WTD - Pomezia (Rome)

- Storage and transport with water for calcium carbonate (1999)
- Storage and transport with water for calcium carbonate (2000)

