

SGM COMPLETE PLANTS

CUSTOMERS' BENEFITS:

- **Easy Management:** Project management is simplified. You work directly with SGM as a single point of contact, saving time and resources.
- **Accountability:** SGM assumes full responsibility for the entire project, from inception to completion.
- **Cost Control:** Complete projects typically involve an upfront agreement on a fixed price, allowing customers to anticipate project costs and better manage their budget.
- **Expertise:** SGM provides skilled personnel and specialized resources, ensuring high-quality project design and execution.



Release: November 2024

- 70** Years in business
- 9** Fully owned subsidiaries
- 2** Manufacturing and repair facilities

SGM WORLDWIDE

Always available, near you, in your language.

The SGM business model is based on providing technological expertise, staying close to its customers through a network of SGM Magnetics corporations located in Italy, Germany, UK, Belgium, USA, China, Mexico, India and Japan, as well as a few long standing agents with extensive experience in the SGM products and technologies.



The **BEST SOLUTION** is often a combination of **BEST TECHNOLOGIES!**

SGM GROUP

Part of the SGM Group, is the corporation **SM TECNO** (esseemmetecno.com) an Italian excellence in industrial mechanical work. Together, we embody a robust synergy of advanced expertise and integrated solutions, delivering complete systems with the highest standards of quality and innovation.



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FROM CONCEPT TO COMPLETION: SGM TAILORED COMPLETE PLANT SOLUTIONS



SGM: your partner for complete plant solutions

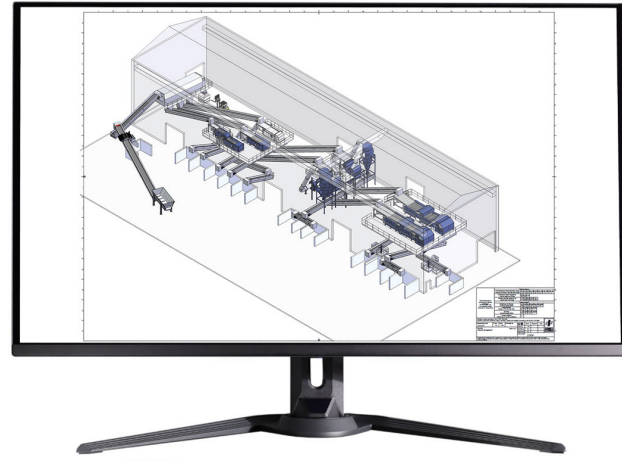
The SGM different offer possibilities are made to suit your requests and needs that can be:

- The supply of stand alone equipment.
- The supply of lay-outs showing the detailed sequence of the different pieces of equipment fitting into your facility.
- The supply of manufacturing drawings of complete plants starting from your main power transformer, including the various separators, auxiliary equipment, control panels, control room, structures,... excluding building and ground preparation.
- The supply of complete plants.

To meet the challenge of constructing a new industrial plant or revamping an existing facility you need a strong experienced partner to support you in the realization of your vision The SGM extensive experience goes from designing advanced sorting technologies to the design and supply of complete plants.

Expertise, flexibility, quick decision process and execution are the key elements which characterize the SGM choice.

Depending on your work site locations, SGM can execute the erection of you plant with its own builders or use local work force working under SGM supervisors for all mechanical and electrical aspects.

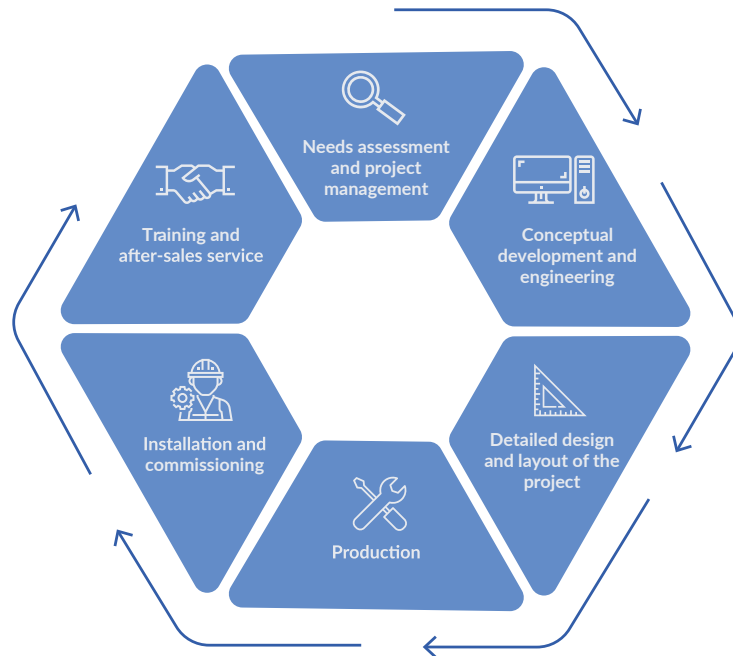


For each project, all our know-how at your service

6 steps to guarantee the proper execution and delivery of your complete plant. Experienced SGM persons specialised in every step of the project, all located under one roof guarantee optimum communication and coordination.

The SGM offer for complete plants goes from conception of the process and plant to the training of your staff to its operation.

- Needs assessment and project management
- Conceptual development and engineering
- Detailed design and layout of the project
- Production
- Installation and commissioning
- Training and after-sales service

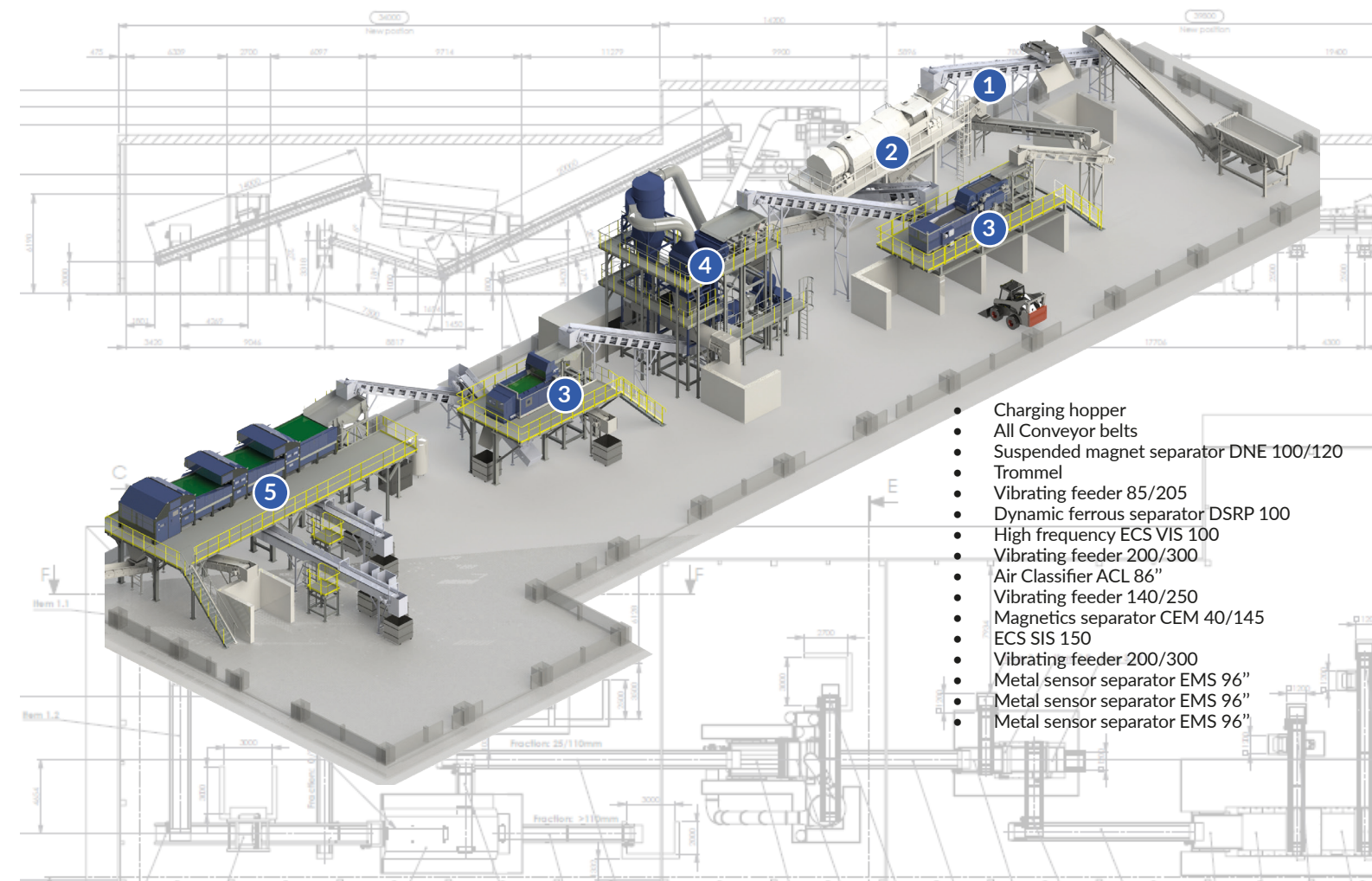


SELECTED REFERENCE ASR PLANT, JAPAN

Plant consisting of:

Loading hopper	
1 Belt magnetic separator (DNE)	For the removal of Fe
2 Screener	0 - 25 mm / 25 - 110 mm / over
3 No. 2 Eddy Current Separator (ECS)	Size 0-25mm: DSRP 100, VIS 100 M Size 25-110 mm: SIS 150 P
4 Air Gravity Sorter (ACL 86")	Size 25-110 mm for the removal of light material and dust
5 Sensor Sorter (EMS 96")	The heavy material continues to a cascade sensor sorter for the recovery of SS and ICW

Application: AUTOMOTIVE SHREDDER RESIDUE
Capacity: 8 T/h



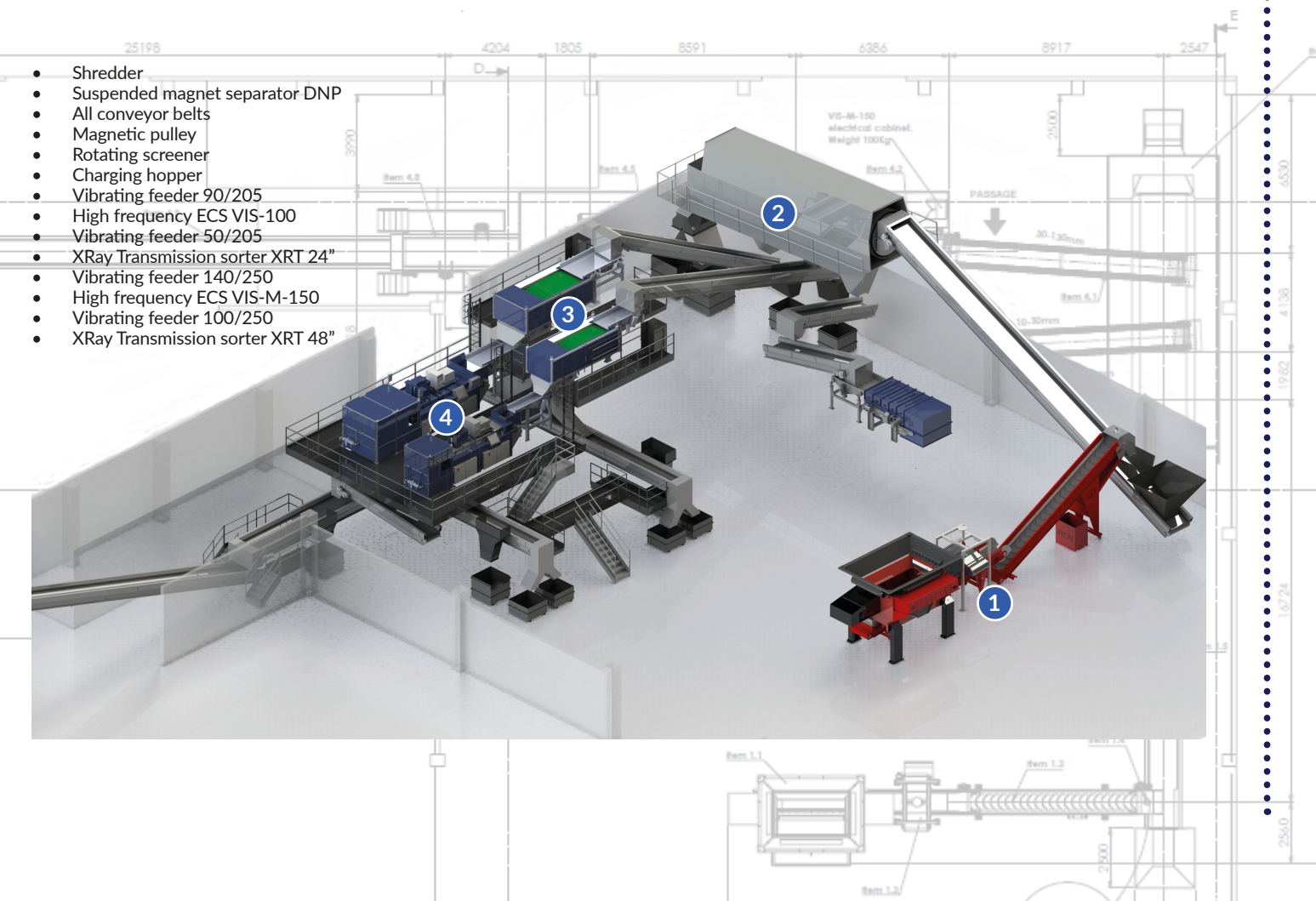
- Charging hopper
- All Conveyor belts
- Suspended magnet separator DNE 100/120
- Trommel
- Vibrating feeder 85/205
- Dynamic ferrous separator DSRP 100
- High frequency ECS VIS 100
- Vibrating feeder 200/300
- Air Classifier ACL 86"
- Vibrating feeder 140/250
- Magnetics separator CEM 40/145
- ECS SIS 150
- Vibrating feeder 200/300
- Metal sensor separator EMS 96"
- Metal sensor separator EMS 96"
- Metal sensor separator EMS 96"

SELECTED REFERENCE ALUMINIUM SCRAP REFINING LINE, SPAIN

Plant consisting of:

1 Belt magnetic separator (DNP)	For the removal of FE
2 Screener	0 - 10 mm / 10 - 30mm / 30 - 130 mm
3 No. 2 ECS Lines	Size 10-30mm: VIS 100 Size 30-130 mm: VIS 150 M
4 No. 2 X-Ray Transmission Sorters (XRT)	Size 10 - 30 mm: XRT 24" Size 30 -130 mm: XRT 48"

Application: ALUMINIUM PROFILES
Capacity: 12.000 T/y



- Shredder
- Suspended magnet separator DNP
- All conveyor belts
- Magnetic pulley
- Rotating screener
- Charging hopper
- Vibrating feeder 90/205
- High frequency ECS VIS-100
- Vibrating feeder 50/205
- XRay Transmission sorter XRT 24"
- Vibrating feeder 140/250
- High frequency ECS VIS-M-150
- Vibrating feeder 100/250
- XRay Transmission sorter XRT 48"