

# API industry



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**Liranco Foreign Trade Ltd.** was founded in 1986 by Ran Liver. Liranco acts as importer and distributor of industrial process equipment and spare parts, mainly to the Mineral, Food, Chemical, Pharmaceutical, Biotechnological, Electrical and Communication industries, representing manufacturers from England, Germany, Italy, Spain and The United States. It also provides communications solutions, technical support and training.

**Liranco** is the Sole Agent and Representative of manufacturers from Europe and The United States, and imports quality equipment characterized by the most innovative technology. Since its establishment Liranco has substantially increased the number of its suppliers and extended its range of products, while its marketing methods ensure the accumulation and enrichment of experience in all areas of trade and engineering.

**Liranco's** professional team of marketing, sales and technical support engineering has proved its ability to identify customer requirements and to meet them by offering the highest level of industrial solutions and engineering service.

## CASE STUDY

### Teva MEXICO



Teva Mexico, of the Teva Group, work with us through their Engineer Managing in North America.

The plant conducts two parallel production processes, based on the use of different solvents, which become contaminated and are eventually expelled from the system in the form of noxious environment-threatening solutions.

Our project had two assignments: separation of the solvents from other components of the effluent solutions, and subsequently disposing of the separated substances.



POLARIS proposed that Liranco (help) set up a solvent-separating system consisting of two distillation columns and

an extraction column, all on skids, but working together as an integrated unit.



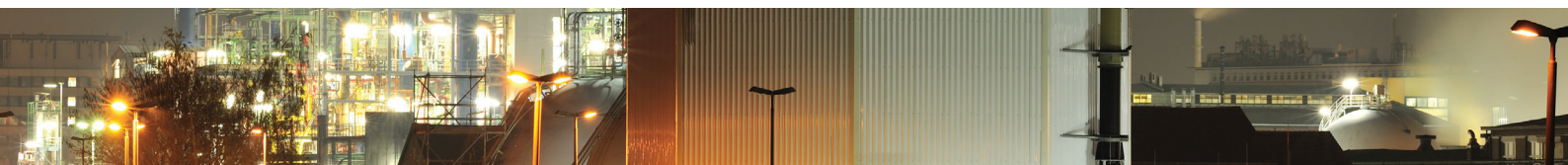
Teva Mexico thus gains two advantages: firstly, the solvents after separation are available for recycling, with the resultant cutting of costs; and secondly, the remaining waste products can be diverted to the central sewage system, with a further saving in waste disposal.

The outflows from the two production processes are similar, though not identical. One is channeled for separation to the first distillation column, where it is brought to a level of purity (decontamination) enabling its return to the production process. The second stream is separated from one solvent by distillation, followed by further separation of a second solvent in the extraction column.

Liranco was actively involved in the process from beginning to end, in close collaboration with our client, and to their complete satisfaction.

***Get in touch for your success story.***

Liranco Foreign Trade Ltd.





## A list of the leading manufacturers in this field



**Delta**

1. **Delta Costruzioni Meccaniche s.r.l.**, Italy  
[www.dcmdelta.com](http://www.dcmdelta.com)  
Nutsche filter dryer, vacuum dryer, Heat exchanger, drum flaker, fermentors.



9. **Minox Siebtechnik GmbH**, Germany  
[www.minox-siebtechnik.de](http://www.minox-siebtechnik.de)  
Rotating screens, separator systems, vibrating feeders.



10. **Galaxy Sivtek Pvt. Ltd.**, India  
[www.galaxysivtek.com](http://www.galaxysivtek.com)  
Round separator, vibrating screening, vibrating separator.



11. **Optima consumer GmbH**, Germany  
[www.optima-consumer.com](http://www.optima-consumer.com)  
Packing equipment, full filling and packing lines.



12. **Comas S.r.l.**, Italy  
[www.comas-srl.it](http://www.comas-srl.it)  
Automatic filling and capping machine for bottles for liquid, automatic machine for pharmaceutical sterile and injectable products, high speed continuous motion filling and bottle closure machine



13. **Arodo BVBA**, Belgium  
[www.arodo.com](http://www.arodo.com)  
Form, fill and seal (FFS) machinery, vacuum packing, palletizers, stretch hood machines.



14. **Arca Etichette Spa**, Italy  
[www.arca.it](http://www.arca.it)  
Labeling and printing machines for labels, barcodes etc.



15. **Polaris s.r.l.**, Italy  
[www.polarisengineering.com](http://www.polarisengineering.com)  
VOC treatment, cryogenic condensation systems, cryogenic distillation systems, steam & nitrogen generators, solvents recovery plant for liquids and waste water.



16. **Super Industrial Lining Pvt. Ltd.**, India  
[www.silcindia.com](http://www.silcindia.com)  
Lined piping systems (PTFE, PFA/FEP/PVDF), lined flexible hose pipe, lined valves, glass lined reactors.



2. **C.L.A s.r.l.**, Italy  
[www.claschio.it](http://www.claschio.it)  
Agitator vessels and heating system, Bin blender, reactors, CIP systems, lifting columns.



3. **Nuova Guseo s.r.l.**, Italy  
[www.nuovaguseo.eu](http://www.nuovaguseo.eu)  
Grinding, mixing and solids handling, hammer and cone mill, micronizer



4. **Agierre S.a.s.**, Italy  
[www.agierre.eu](http://www.agierre.eu)  
Vacuum transfer system for powders and grains, mobile lifting column for drums and big bags, bin blender column, pharma bin.



5. **Comi Condor S.p.a**, Italy  
[www.comicondor.com](http://www.comicondor.com)  
Peeler centrifuge, Inverting Filter centrifuge, Bottom and top discharge Centrifuge.



6. **Emde Industrie-Technik GmbH**, Germany  
[www.emde.de](http://www.emde.de)  
Bucket elevators, flexible screw conveyor, pneumatic conveyor, big bag emptying stations and filling stations, dust suction systems, Rotary valves Mixing- single screw, continuous and double paddle, lump breaker.



7. **Carrier Europe SCA**, Belgium  
[www.carriereurope.be](http://www.carriereurope.be)  
Dryers & coolers, vibrating fluid bed dryers and coolers, vibrating feeders, conveyors and screeners, full conveying system for heavy duty for minerals.



8. **Rotex Europe Limited**, England  
[www.rotex.com](http://www.rotex.com)  
Screening machines for dry separation from size analysis to conveying, screening and separating. Screening machine combines Gyrotory Reciprocating Motion, Minerals separator, Plastic Pellet Screener, Drive Feeder & Conveyor.

