

Termomeccanica Industrial Process

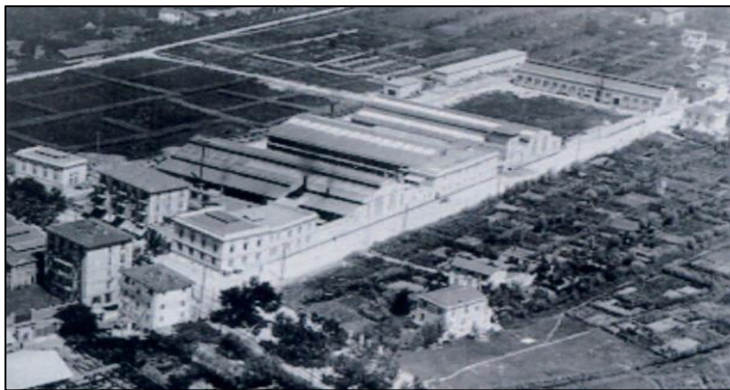
Termomeccanica Group



TECHNOLOGY LIST



Termomeccanica Group
Tradition, technology & innovation



Termomeccanica Group was established in 1912
Termomeccanica Industrial Process - T.M.I.P =
www.tmip.termomeccanica.com *is*
part of the Termomeccanica Group.

It is responsible for the design and construction of gas and liquid treatment plants from industrial processes and has also experience in providing some production technologies.

T.M.I.P was founded towards the end of 2011 to incorporate the plant engineering and construction technology and know-how of the company C.M.G. Impianti founded in 1977.

T.M.I.P operates in the environmental protection and production sectors making use of C.M.G credentials,

patents and technical expertise in synergy with the know-how and industrial experience of the Termomeccanica Group.

www.tme.termomeccanica.com

The company is organized into two sections:
“Environmental Protection plants” and “Production plants”.

- *The “Environmental Protection plants” section designs and supplies plants for the treatment and recovery of industrial effluent liquids and gases generated by industrial processes to comply with emission limits.*
- *The “Production plant” section designs and builds plants for the production of chemical products using the most advanced process technology.*

TMIP- enviro multi-purpose plants & application list



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	Oil&Gas +Petrochemical	Pharmaceutical /API+BULK	Chemical industry	Solvent based resin Production	Fabric + plastic film coating or coagulation or impregnation	Solvent based adhesive coating	Flexible packaging printing + laminating
Washing Towers or Scrubbers	DeNOx + DeSOx systems	Organics polluted air treatment	Organics polluted air treatment		DMF or NMP or Ammonia recovery		
Thermal oxidizers as TO+RTO	Acid gas incinerator + off gas Thermal Oxidation + liquid incineration	Solvent mixture polluted air thermal oxidation	Solvent + organics polluted air thermal oxidation	Solvent polluted air purification . Liquid incineration	Air purification from printing or lamination or special coating	Air purification from special coating	Solvent polluted air purification from printing presses
Catalytic oxidizers	Ammonia reduction				Mercerization process Ammonia recovery		
Active carbon solvent recovery	Vapour recovery units Odour mitigation		Solvent recovery	Solvent recovery		Hexane – Toluene recovery	Ethyl Acetate -IPA recovery
Distillation plants		Solvent mixture or solutions distillation	Solvent mixture or solution distillation	Solvent mixture or solutions distillation	DMF or NMP or DMAc or ammonia distillation	Hexane/Toluene mixture distillation	Ethyl Acetate-IPA mixture distillation
Stripping plants	BTEX strpping & Thermal Oxidation		Solvent polluted water purification				
Molecular filtration					Plasticizer recovery		
Complete flue gas treatment (as dry or wet process)	Halogenated or Sulphur thermal oxidation	Halogenated or sulphur thermal oxidation	Halogenated or sulphur thermal oxidation				

TMIP- production multi-purpose plants & application list

	Tannery or Textile auxiliary chemicals production	Resins or polymer production	Lubricants blending	Compound production for Coating + Coagulation + Impregnation	Solvent based Adhesive tape production	Glue for woodboard sector production	Chemical industry generally speaking
Process Know-How					YES ; including formulations	YES ; Including formulations	
Plant basic and detailed Engineering + installation and start up supervision	YES	YES	YES	YES	YES	YES	YES
Mixing plant + storage utilities and control system for process automation	YES	YES	YES	YES	YES	YES	YES
Special mixers	Mixers for high viscosity products			Mixers for high viscosity products	Rubber dissolvers		
Special devices		Column and condenser for solvent reflux to reactor		Special devices for solid row material management	Rubber preparation + feeding system to dissolvers . Adhesive transfer and adhesive storage plant		