

# MAIN REFERENCE LIST



## ZERO WASTE WATER PLANT:

Company	General information	Plant description
	<b>Italy - 2010</b> Aluminium extrusion, anodizing and horizontal powder coating for building	Rinsing Recycling unit 6 + 6 m <sup>3</sup> /h Purification unit 1 m <sup>3</sup> /h Evaporation unit 15 m <sup>3</sup> /day
	<b>Italy - 2003</b> Steel frames for electric control board	Rinsing Recycling unit 9 m <sup>3</sup> /h Total rinsing recycling
	<b>Italy - 2005</b> Powder coating of aluminium profiles for building	Rinsing Recycling unit 18 m <sup>3</sup> /h + Mixed bed 9 m <sup>3</sup> /h Purifying unit 1 m <sup>3</sup> /h Evaporation unit 10 m <sup>3</sup> /day
	<b>Hungary - 2002</b> Steel Zn phosphate and C.E.D. for appliances bodies	Rinsing Recycling unit 6 m <sup>3</sup> /h Purification unit 1 m <sup>3</sup> /h Evaporation unit 20 m <sup>3</sup> /day
	<b>Greece - 2009/2010</b> Aluminium melting, rolling and coil coating	Purification unit, R.O., U.F. and Evaporation unit for 780 m <sup>3</sup> /day of recovered water
	<b>Italy - 2005</b> Aluminium/Steel Zn phosphate for light commercial vehicle	Rinsing Recycling unit 6 m <sup>3</sup> /h Purification unit 1 m <sup>3</sup> /h Evaporation unit 8 m <sup>3</sup> /day
	<b>Italy - 2006/2007</b> Aluminium extrusion and vertical powder coating for building	Rinsing Recycling unit 24 m <sup>3</sup> /h + Mixed bed 9 m <sup>3</sup> /h Purification unit 1 m <sup>3</sup> /h Evaporation unit 15 m <sup>3</sup> /day
	<b>Greece - 2005</b> Aluminium extrusion and vertical powder coating for building	Revamping zero waste water plant 15m <sup>3</sup> /day
	<b>Greece - 2004</b> Aluminium extrusion and vertical powder coating for building	Rinsing Recycling unit 18 m <sup>3</sup> /h Purification unit 1 m <sup>3</sup> /h Evaporation unit 15 m <sup>3</sup> /day
	<b>Greece - 2007/2009</b> Aluminium extrusion anodic oxidation and powder coating for building	Rinsing Recycling unit 18 m <sup>3</sup> /h Purification unit 1 m <sup>3</sup> /h Evaporation unit 15 m <sup>3</sup> /day
	<b>Italy - 2006</b> Stainless steel coil rolling and thermic treatment for automotive electronic and general industry	Rinsing Recycling unit 9 m <sup>3</sup> /h Purification unit 1 m <sup>3</sup> /h Evaporation unit 12 m <sup>3</sup> /day
	<b>Italy - 2003</b> Aluminium profiles vertical powder coating for building	Rinsing Recycling unit 18 m <sup>3</sup> /h Purification unit 3 m <sup>3</sup> /h Evaporation unit 12 m <sup>3</sup> /h

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## ZERO WASTE WATER PLANT:

Company	General information	Plant description
	<b>Italy - 2004</b> Aluminium/Steel Zn phosphate and C.E.D. for automotive components	Rinsing Recycling unit 9 m <sup>3</sup> /h + Mixed bed 1 m <sup>3</sup> /h Purification plant unit 1 m <sup>3</sup> / h Evaporation unit 8 m <sup>3</sup> /day
	<b>Greece – 2006</b> Aluminium extrusion and vertical powder coating for building	D.I. unit 18 m <sup>3</sup> /h Mixed bed 9 m <sup>3</sup> /h Total rinsing recycling





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## ALUMINIUM EXTRUSION, ANODIZING AND PAINTING:

Company	General information	Plant description
	<b>Syria - 2010</b> Aluminium extrusion and horizontal powder coating for building	Purification unit 15 m <sup>3</sup> /h
	<b>Bulgaria - 2004</b> Aluminium extrusion and vertical powder coating for building	Purification unit 12 m <sup>3</sup> /h Rinsing recycling unit 9 m <sup>3</sup> /h
	<b>U.A.E. (Dubai) - 2005</b> Aluminium extrusion, vertical powder coating and anodic oxidation for building	Purification unit 35 m <sup>3</sup> /h Mixed bed 3 m <sup>3</sup> /h Rinsing recycling unit 18 m <sup>3</sup> /h
	<b>U.A.E. (Dubai) - 2010</b> Aluminium extrusion	DIE Shop 3 m <sup>3</sup> /day PHOENIX – NaOH recovery PILOT
	<b>Greece</b> Aluminium profiles vertical powder coating for building	Purification unit 12 m <sup>3</sup> /h
	<b>Poland</b> Aluminium profiles vertical powder coating for building	Purification unit 18 m <sup>3</sup> /h
	<b>Italy</b> Aluminium extrusion, vertical powder coating and anodic oxidation for building	Revamping waste water treatment plant and D.I. unit 24 m <sup>3</sup> /h
	<b>Italy</b> Aluminium vertical powder coating for Shower boxes	Total rinsing recycling 24 m <sup>3</sup> /h
	<b>Greece</b> Aluminium powder coating for building	Purification unit 3 m <sup>3</sup> /h
	<b>Belgium</b> Aluminium profiles powder coating for building	Purification unit 8 m <sup>3</sup> /h Rinsing recycling unit 18 m <sup>3</sup> /h
	<b>Italy</b> Aluminium profiles anodic oxidation and powder coating for building	Purification unit batch 3 m <sup>3</sup> Rinsing recycling unit 9 m <sup>3</sup> /h
	<b>Greece – 2004/2008</b> Aluminium profiles vertical powder coating for building	Rinsing Recycling unit 18 m <sup>3</sup> /h Purification unit 6 m <sup>3</sup> /h

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## ALUMINIUM EXTRUSION, ANODIZING AND PAINTING:

Company	General information	Plant description
	<b>Russia – 2007/2009/2010</b> Aluminium profiles anodic oxidation and powder coating for building	Purification unit 12 m <sup>3</sup> /h Rinsing recycling unit 6 m <sup>3</sup> /h Sulphuric acid recovery (OXIPUR) Rinsing Recycling unit 10 + 10 m <sup>3</sup> /h
	<b>Italy - 2005</b> Aluminium profiles vertical powder coating for building	Purification unit 6 m <sup>3</sup> /h Rinsing recycling unit 12 m <sup>3</sup> /h
	<b>Brasil - 2008</b> Aluminium extrusion, anodic oxidation and vertical powder coating for building	Purification unit batch 5 m <sup>3</sup> Rinsing recycling 12 m <sup>3</sup> /h Sulphuric acid recovery
	<b>Russia - 2005</b> Aluminium vertical powder coating for building	Purification unit 6 m <sup>3</sup> /h Rinsing recycling unit 12 m <sup>3</sup> /h
	<b>Mexico</b> Aluminium anodic oxidation for building	Purification unit 50 m <sup>3</sup> /h Sulphuric acid recovery unit (OXIPUR)

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## STEEL, ALUMINIUM COILS, COIL COATING, CANS:

Company	General information	Plant description
	<b>Belarus - 2007</b> Aluminium and steel coil coating	Purification unit 5 m <sup>3</sup> /h Reverse Osmosis unit 3 m <sup>3</sup> /h
	<b>Italy – 2007/2009</b> Stainless steel coil pickling for general industry	Purification unit 160 m <sup>3</sup> /h
	<b>Greece -2006</b> Aluminium coil coating for food and beverage industry	Revamping purification unit Rinsing recycling unit 15 m <sup>3</sup> /h Evaporation unit 30 m <sup>3</sup> /day
 	<b>Iran – 2006/2007</b> Aluminium cans for food and beverage 1/2 washers 2000 can/min each	Effluent Treatment Plant 20 m <sup>3</sup> /h Reverse Osmosis unit 12m <sup>3</sup> /h Rinsing recycling unit 12m <sup>3</sup> /h + Mixed bed 12 m <sup>3</sup> /h
 	<b>Iraq – 2008/2009</b> Aluminium cans for food and beverage 2/3 washers 2200 can/min each	Effluent Treatment Plant 30 m <sup>3</sup> /h Reverse Osmosis unit 18m <sup>3</sup> /h Rinsing recycling 18 m <sup>3</sup> /h + Mixed bed 18 m <sup>3</sup> /h
	<b>KSA – 2010/2011</b> Aluminium cans for food and beverage 2/3 washers 2000 can/min each	Effluent Treatment Plant 30 m <sup>3</sup> /h with COD removal and Flouride reduction section
	<b>Russia - 2006</b> Steel galvanizing, Aluminium coil coating and vertical powder coating for general industry	N° 2 Purification unit 12 m <sup>3</sup> /h N° 2 Rinsing recycling unit 9 m <sup>3</sup> /h
	<b>Greece - 2008</b> Aluminium coil coating for general industry	Rinsing recycling unit 15 m <sup>3</sup> /h
	<b>Russia</b> Steel coil coating for general industry	Reverse Osmosis unit 3 m <sup>3</sup> /h Rinsing recycling unit 6 m <sup>3</sup> /h









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### AUTOMOTIVE BODIES, FRAMES AND WHEELS:

Company	General information	Plant description
	<b>Italy</b> Steel, Zn phosphate and C. E.D. for heavy truck trailer bodies	Rinsing recycling unit 15 m <sup>3</sup> /h Mixed bed 9 m <sup>3</sup> /h
	<b>Italy</b> Aluminium alloy wheels for automotive after market	Purification unit 6 m <sup>3</sup> /h Rinsing recycling 9 m <sup>3</sup> /h
	<b>Italy</b> Aluminium alloys wheels for automotive market	Rinsing recycling unit 9 m <sup>3</sup> /h
	<b>Czech Republic - 2005</b> Aluminium alloys wheels for automotive market	Purification unit 6 m <sup>3</sup> /h Rinsing recycling unit 9 m <sup>3</sup> /h
	<b>Italy</b> Aluminium alloys and steel wheels for automotive market	Rinsing recycling unit 9 m <sup>3</sup> /h Mixed bed 9 m <sup>3</sup> /h
	<b>Poland - 2003</b> Steel, Zn phosphate and C.E.D. for automotive bodies	Purification unit 6 m <sup>3</sup> /h

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## APPLIANCES AND GENERAL INDUSTRY:

Company	General information	Plant description
	<b>Italy</b> Surface Pre treatment Chemicals production	Purification unit 15 m <sup>3</sup> /h
	<b>Italy</b> Steel, Zn phosphate and C.E.D. for general industry	Purification unit 10 m <sup>3</sup> /h Rinsing recycling unit 12 m <sup>3</sup> /h
	<b>Italy</b> Aluminium and steel powder coating for general industry	Purification unit 12 m <sup>3</sup> /h Rinsing recycling unit 20 m <sup>3</sup> /h
	<b>Poland - 2007</b> Steel, Zn phosphate and C.E.D. for appliances body	Purification unit 25 m <sup>3</sup> /h Rinsing recycling unit 12 m <sup>3</sup> /h Mixed bed 20 m <sup>3</sup> /h
	<b>Poland</b> Steel, enamel factory for appliances	Purification unit 20 m <sup>3</sup> /h
	<b>Italy</b> Aluminium heating bodies	Purification unit 5 m <sup>3</sup> /h Rinsing recycling unit 10 m <sup>3</sup> /h
	<b>Iceland – 2008/2009</b> Aluminium foil for electrolytic capacitors	Chemical dosing units Purification unit 60 m <sup>3</sup> /h Mixed bed 60 m <sup>3</sup> /h Process filtration 60 m <sup>3</sup> /h
	<b>Italy</b> Steel, Enamel factory for appliances	Purification unit 5 m <sup>3</sup> /h