

**TECNOTER** Group

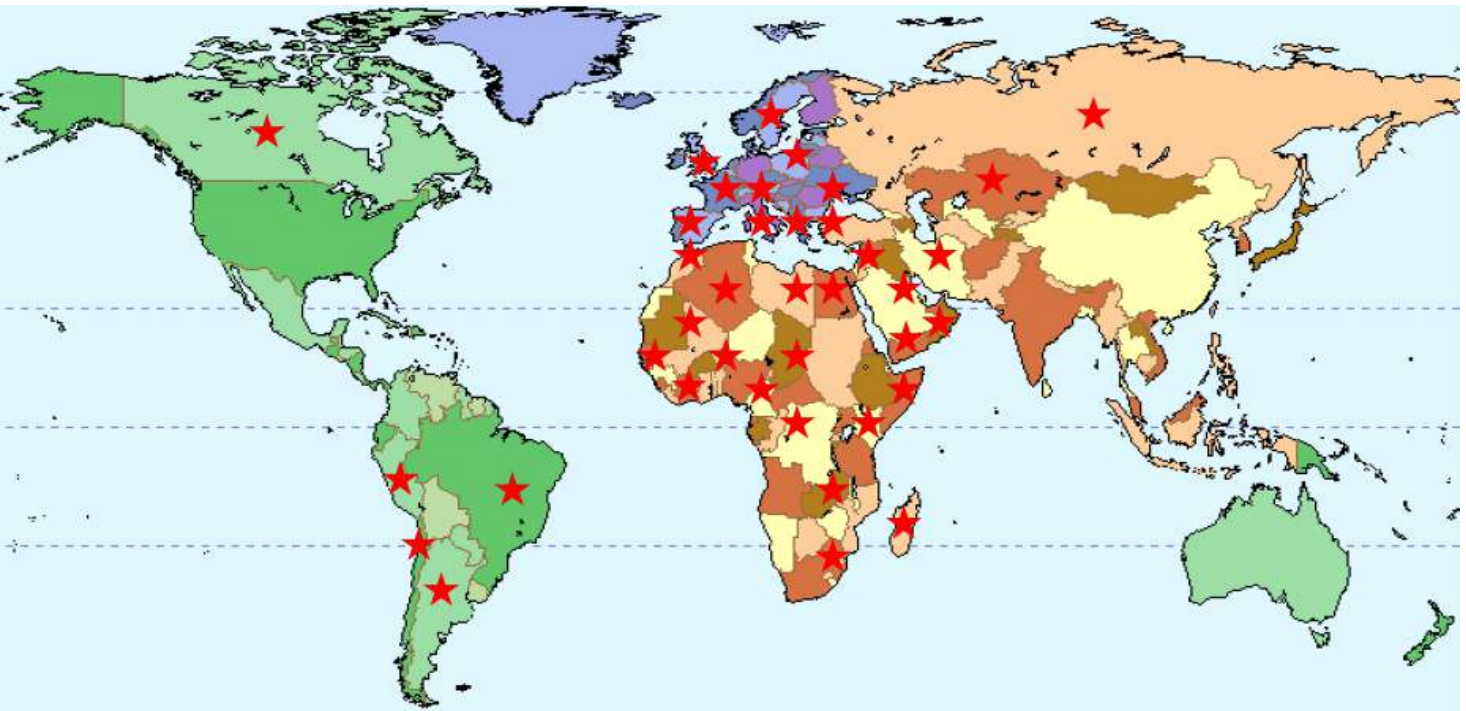


Made in Italy since 1985



# Wheel washing & Decontamination





**Tecnoter group** has been building high-tech solutions for over thirty years. Maximising customer satisfaction is the focus of every project and every product.

Each kit designed by Tecnoter is the result of in-depth studies of hydraulic and electronic compatibility and efficiency and is specifically designed to equip the host machine.

Tecnoter is able to produce systems and parts in both one-off and medium-scale industrialisation, cooperating with the customer's technical and engineering departments as necessary.

### Tecnoter

Designs and manufactures hydraulic and electronic systems and equipment for the industrial sector.

Main products:

retrofit kits for earth moving machines, OEM parts, remote control systems, hydraulic magnets and special civil and military target equipment.

### RCGreen

Designs and manufactures environmentally friendly systems and equipment.

Main products:

wheel and chassis washing systems, industrial sanitisers, vehicle decontamination systems, hydraulically powered current generators, GPUs and air compressors.

### Our customers:

Caterpillar WorkTools (USA)  
 Jcb (I)  
 Komatsu U.E. (I)  
 Volvo CE (I)  
 Indeco (I)  
 Socomec (I)  
 IVECO-Orecchia (I)  
 Bergerat (F, DZ)  
 Zeppelin (D, RUS)  
 Teknox (SLO)  
 Al-Bahar (Q)  
 Mantrac (ET)  
 Turkuaz (KZ)  
 Tractafic (MA)  
 SMT (B)  
 DEM (B)

Zahid tractors (SAU)  
 Techstroy (RUS)  
 Domo (E)  
 Al Jaber (Q)  
 Bonatti (I)  
 Condotte (I)  
 Rindis (B)  
 Gallerie (I)  
 Van Der Vlist (NL)  
 Metroemme (I)  
 Famoveca (YV)  
 Sakr P.S. (RL)  
 JLM (MA)  
 Pumpexpert (PL)  
 Sicim (I)  
 Prosper Hellas (GR)

### RCAutomation

Designs and manufactures industrial automation systems.

Main products:

automatic loaders for CNC machines, automatic unloaders, industrial handling systems, industrial robots and field covers.

# Wheel washers



RC automatic closed-loop wheel washing systems are built according to the most modern dictates of "object-oriented" design.

Thanks to their complete modularity, ease of expansion and particularly robust structures, RC systems can easily adapt to changing site requirements and are able to withstand extremely heavy workloads.

RC wheel washer systems are characterised by closed-loop washing systems in which the reuse rate of the fluid used can reach percentages over 95%.

The use of RC wheel washing systems helps protect the environment and is a safe investment over time.

All systems can be optionally equipped with accessories dedicated to the reduction of specific pollutants such as bacterial or viral loads, asbestos, hydrocarbons, suspended materials, etc.



## Shortcut table

	Contamination		
<b>Placement</b>			
Mobile	CLBR series	E / EP series	EP series
Standing	Any series	F / FPL series	Eco FPL series

## Mobile - CLBR series



The CLBR series wheel washing systems are compact units specially designed for rental fleets and mobile applications. They are particularly suitable for city sites where the prevailing need is to treat a modest vehicle flow (up to 20 vehicles per hour) with a low degree of contamination.

The CLBR systems integrate a powerful washing line, an accumulation tank with oil separator and an extremely efficient solids and sludge extraction unit in a single ready-to-use unit. The 2.32 version also comes ready to use and does not require assembly or installation.

CLBR systems can be equipped with specific options that make them capable of solving every need.

**Tecnoter CLBR wheel washers: Powerful and ready to use in just a few moments.**

### Technical features

Placement	on surface or in-ground
Vehicles	vans, trucks, industrial machinery
Washing cycle	pass through
Max weight	20 tons per axle
Minimum height	10 cm
Average cycle	20 sec.
Internal width	3,3 mt
Internal length	2 to 4 mt
Washing flow	1.500 l/min
Settling tank	with integrated mud extractor
Activation	automatic



Code	Lane length meters	Lane width meters	Washing flow. l / min	Placement	Tank volume m3	Kw	Max load per axle
2.32CLBR	2	3,3	1.500	surface or in-ground	4	5	20 tons
4.32CLBR	4	3,3	1.500	surface or in-ground	6	5	20 tons

**Available options:** Extra settling tank • Polyelectrolyte dosing group with integrated tank • Auxiliary tank for mud storage • Arrangement for Asbestos • Back wash injectors • 360° washing arch • Sandy water filter • Heating system • WEB connection Industry 4.0 • Decontamination group

## Mobile - E / EP series



Tecnoter E series wheel washers are powerful closed-loop mobile systems, consisting of one or more washing lines served by accumulation and clarification units with integrated sludge extractor.

Designed for easy portability and great efficiency even in the most severe applications, Tecnoter E series wheel washers are fully modular and easily implemented with numerous optional extras to make them ideal for any specific requirement.

The superior features of these systems make the E series ideal for high vehicle flow and heavy contamination.

**E / EP series wheel washers: robust, powerful, modular; the ideal partner for heavy-duty applications.**

### Technical features

Placement	on surface (E), hybrid (EP)
Vehicles	vans, trucks, industrial machinery
Washing cycle	pass through
Max weight	starting from 20 tons per axle
Minimum height	10 cm
Average cycle	20 sec.
Internal width	3,3 mt
Internal length	4 to 12 mt
Washing flow	2.500 to 15.000 l/min
Settling tank	with intergrated mud extractor
Activation	automatic



Code	Lane length meters	Lane width meters	Washing flow l / min	Placement	Tank volume m3	Kw	Max load per axle
4.32E	4	3,3	2.500 - 5.000	surface or in-ground	22 - 30	13 - 25	20 tons
4.32EP	4	3,3 - 5	2.500 - 5.000	in-ground	20 - 28	13 - 25	30 tons
6.32EP	6	3,3 - 5	2.500 - 5.000	in-ground	20 - 52	18 - 25	30 tons
8.32E	8	3,3	5.000 - 10.000	surface or in-ground	44 - 60	26 - 42	20 tons
8.32EP	8	3,3 - 5	5.000 - 10.000	in-ground	40 - 56	26 - 50	30 tons
12.32EP	12	3,3 - 5	7.500 - 15.000	in-ground	60 - 84	39 - 63	30 tons
Custom	customized	customized	customized	customized	customized	customized	customized

**Available options:** Extra settling tank • Polyelectrolyte dosing group with integrated tank • Auxiliary tank for mud storage • Mud dewatering system • Arrangement for asbestos • Internal width extension • Sidewalls height extension • Back wash injectors • 360° washing arch • Decontamination group • Sandy water filter • Heating system • WEBconnection Industry 4.0

## Standing - ECO series



Tecnoter ECO series wheel washers are fully automatic closed-loop systems designed for stationary underground applications where large vehicle flows with a high degree of contamination require extremely effective and robust solutions.

Capable of working in extreme climatic conditions thanks to optional heating units, Tecnoter ECO series systems are composed of one or more ultra HD washing lines and a series of underground tanks for the physical-chemical treatment and clarification of washing effluents.

Thanks to careful design and 3D modelling and the effectiveness of the effluent treatment systems with contaminant separation, ECO series systems guarantee extremely high recycling rates.

### Tecnoter wheel washers ECO series: the winning solution in the most critical applications

#### Technical features

Placement	inground
Vehicles	vans, trucks, industrial machinery
Washing cycle	pass through
Max weight	starting from 20 tons per axle
Minimum height	10 cm
Average cycle	20 sec.
Internal width	3,3 mt
Internal length	4 to 20 mt
Washing flow	1.500 to 20.000 l/min
Settling tank	with intergrated mud extractor
Activation	automatic



Code	Lane length meters	Lane width meters	Washing flow l / min	Tank position	Tank volume m3	Kw	Max load per axle
ECO200F	4	3,3	2.500 - 5.000	transversal	16 -24	9 - 16	20 tons
ECO200FPL	4	3,3 - 5	2.500 - 5.000	lateral	variable	9 - 16	30 tons
ECO2006B	6	3,3	2.500 - 5000	transversal	variable	8 - 20	30 tons
ECO2006FPL	6	3,3 - 5	2.500 - 5.000	lateral	variable	9 - 17	30 tons
ECO2008FPL	8	3,3 - 5	5.000 - 10.000	lateral	variable	15 - 30	30 - 60 tons
ECO20012FPL	12	3,3 - 5	7.500 - 22.500	lateral	variable	24 - 72	30-60 tons
Custom	customized	customized	customized	customized	customized	customized	customized

**Available options:** Extra settling tank • Polyelectrolyte dosing group with integrated tank • Auxiliary tank for mud storage • Mud dewatering system • Arrangement for asbestos • Internal width extension • Sidewalls height extension • Back wash injectors • 360° washing arch • Decontamination group • Sandy water filter • Heating system • WEBconnection Industry 4.0

# Decontamination



RC VDS series disinfection systems allow disinfectant and/or decontaminant liquids to be sprayed on all accessible surfaces of vehicles and structures and, using the optional mobile ozone-generating GPOD3 unit, also sanitise interiors such as driver's cabs and offices (Ministry of Health document, prot. 24482 31/07/1996)

Tecnoter VDS series sanitisers are robust, modular, extremely efficient, easily transportable and ready to use or very simple to install

All VDS systems can be used either as stand-alone systems or in combination with Tecnoter wheel washing systems.

Designed to perform its task in the toughest conditions, the VDS family is highly adaptable to any specific need and can be conveniently used in agriculture, industry and communities.

Specific versions for Civil Defence and Military Target are available on request



**Pumping station**

## Tecnoter VDS: guaranteed decontamination

Code	Technology	Working area	Use	Power supply	Tank	Application
GPOD3	ozone	400 m3	indoor	230 Vac	-	offices / vehicle cabs
GDS200	chemical fog and O3	200 m2	indoor	230Vac	integrated	offices / vehicle cabs
GDU600	chemical fog	600 m2	indoor	230Vac	integrated	offices / workshops
APGD25	high pressure spray	50 m	outdoor	230Vac	option	forecourts
RC.VDADP2	spray gate	3x5 m	outdoor	230 or 400 Vac	integrated	vehicles bodywork
RC.VDST4	spray gate	3x5 m	outdoor	230 or 400 Vac	integrated	vehicles bodywork



**TECNOTER** | **RC GREEN** | **RC AUTOMATION**

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