



FILTER WASHING MACHINE

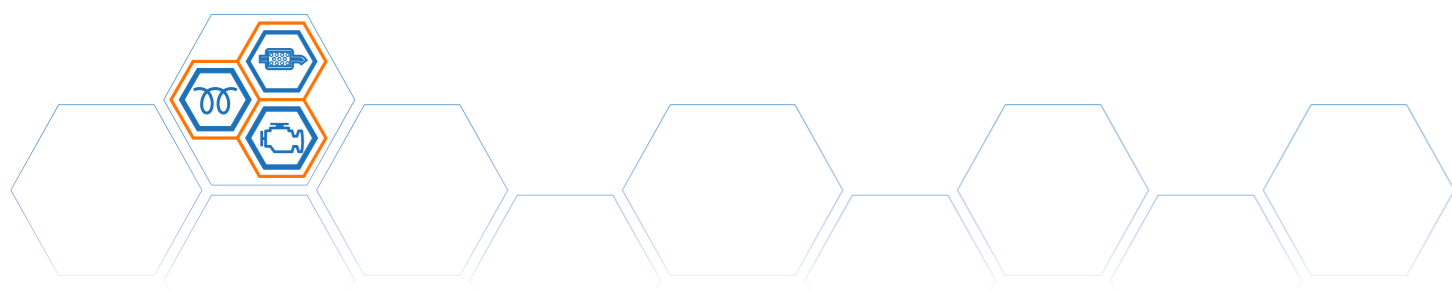
DPF REVIVAL

CTW 1500



www.dpf-revival.com

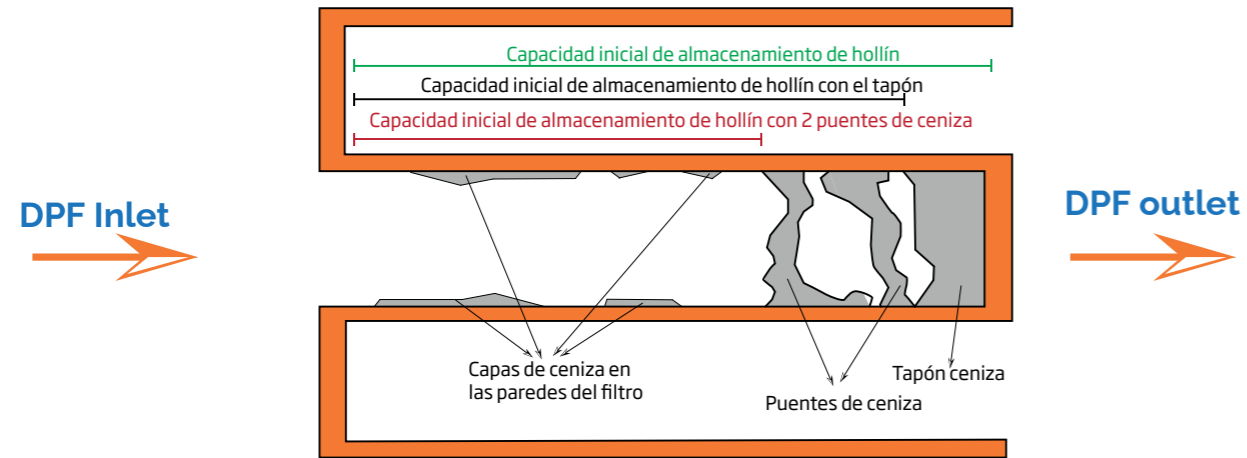




Main problem: accumulation of ash and soot.

Although it is commonly referred to as soot, the particulate filter is affected by two different materials that accumulate inside it. We are talking about ash and soot.

Soot is normally removed by regenerations which burn the soot but are not able to remove the ash.



Costs arising from particulate filter and catalytic converter problems

Direct costs

- Towing due to particulate filter failure.
- Particulate filter replacement.
- Loss of time for repairs.
- Penalties for pollutant emissions.

Indirect costs

- Loss of engine performance.
- Risk of damage to other systems.
- Increased fuel consumption.

Filters with different damages

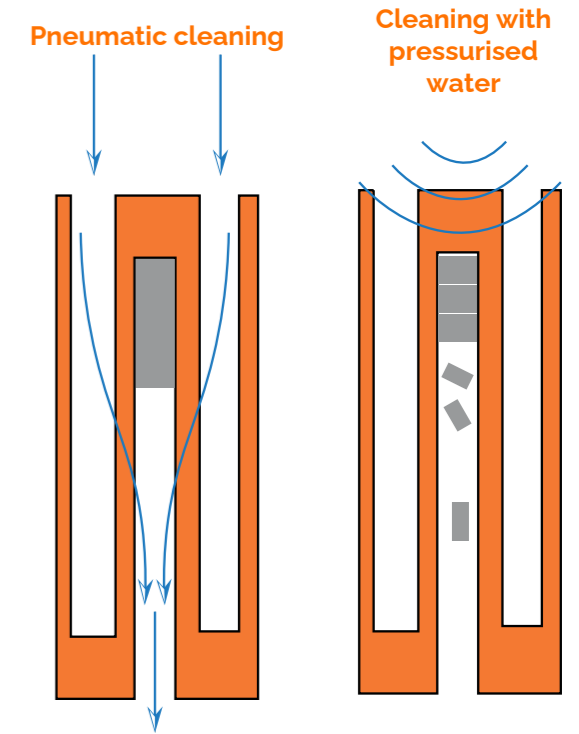


Cleaning operation

There are cleaning procedures using **pneumatic systems** that, due to fluid dynamics, the air tends to find the best path with the least resistance and is often unable to remove the ash plugs that may have formed.

Pressurised Water Cleaning emits constant waves into the region where the ash plug has formed and succeeds in breaking it up and transporting it out of the particulate filter.

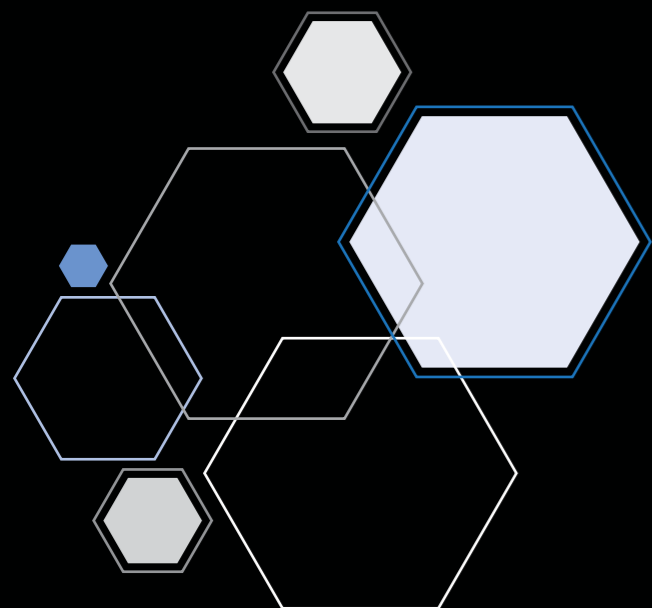
With the help of a specific soap, the temperature of the cleaning solution, controlled water pressure, and the help of pressurised air pulses, an effective cleaning of any particulate filter is achieved.



DPF REVIVAL

FOR ANY
PARTICULATE
FILTER





DPF REVIVAL CTW 2000



99% efficiency in DPF and CAT recovery.
Total removal of ash, oil and soot.
Rapid return on investment.
New innovative service that generates new customers and opens a new line of business.

Universal washer for particulate filters in passenger cars, light commercial vehicles and commercial vehicles.

Customisable programmes for filter washing.

Selector for particulate filter (DPF) or catalytic converter (CAT).

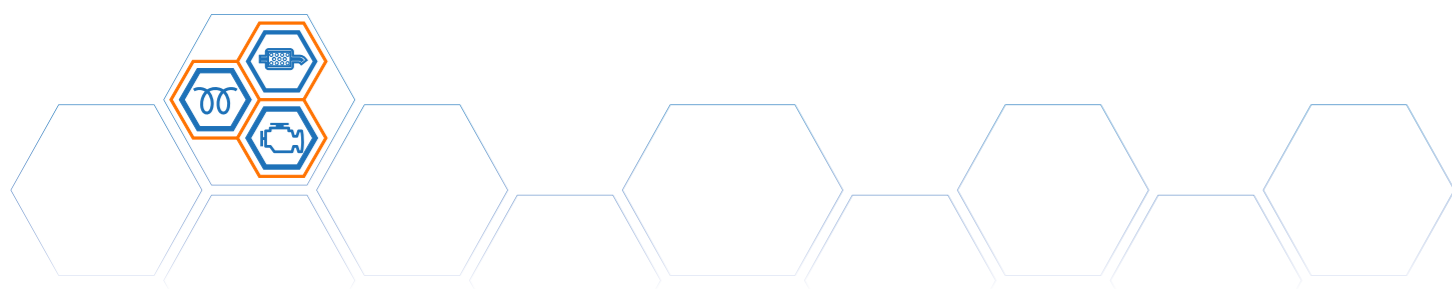
Multiple languages.

Configurable ticket.

The DPF Revival CTW 2000 is ideal for garages, commercial vehicle workshops, component cleaning and rebuilding specialists.

Particulate filter maintenance is essential to prevent breakdowns and damage that can lead to vehicle downtime and high repair costs.

A good maintenance respecting the service times and planning the cleanings is the only way to a long life of the filters and a saving in costs.



Interno Luz led

Interior LED light for good illumination of the working area



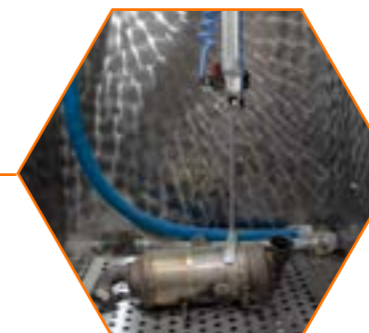
Control panel

Easy and intuitive 7" touch screen control panel with ticket printer.



Double lock on the door

Double safety lock on the door to guarantee isolation and work in complete safety.



Locking piston

Movable piston to hold the particle filter in place and prevent it from moving during washing. It is also useful for directing the outflow of water where it does not disturb.



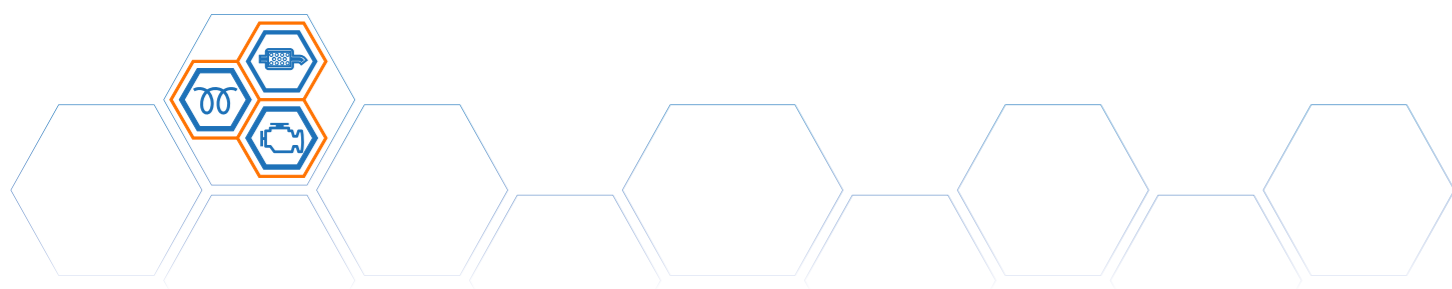
Filtering system

Double filtering system to wash the filters with particle-free water. The upper pressure gauge indicates the saturation level of the filters. Both have a lower tap for filter discharge.



Adjustable feet

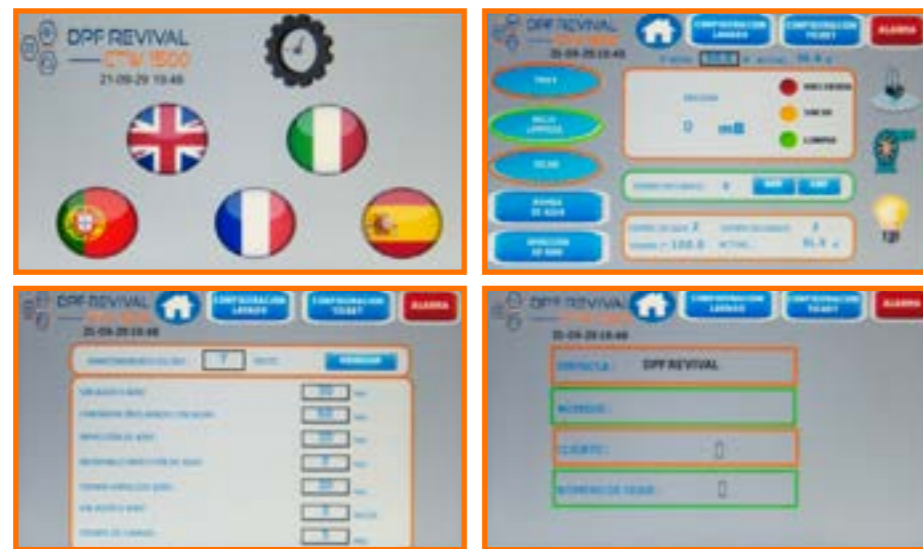
The DPF Revival stands on 4 height adjustable feet. These feet help us to level the machine and allow us to adjust the height slightly.



Control panel

Simple and intuitive, it allows you to control all the main operations on the same screen.

- Cleaning temperature setting.
- Filter status test.
- Selection of the cleaning programme. (CAT or DPF)
- Drying temperature setting and drying activation.
- Activation and deactivation of heating elements, steam extractor, interior lighting.



Adapters for filter connection

The machine is equipped as standard with several adapters that allow the connection of 90% of the filters and catalytic converters of both passenger cars and commercial vehicles.



For all filters and catalytic converters

Valid for all particulate filters and catalytic converters in passenger cars and light commercial vehicles.



Optional

Inflatable filter connectors



Euro 6 truck filter locking platform



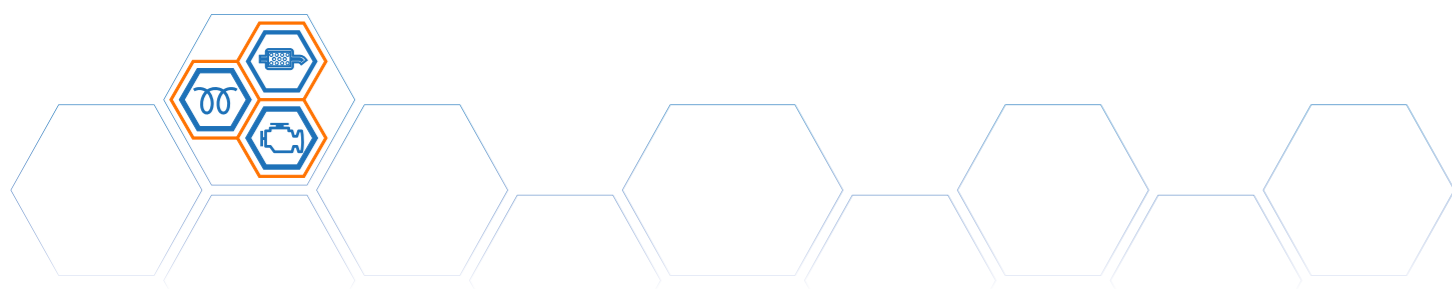
Detergent

DPF Cleaner 4.0

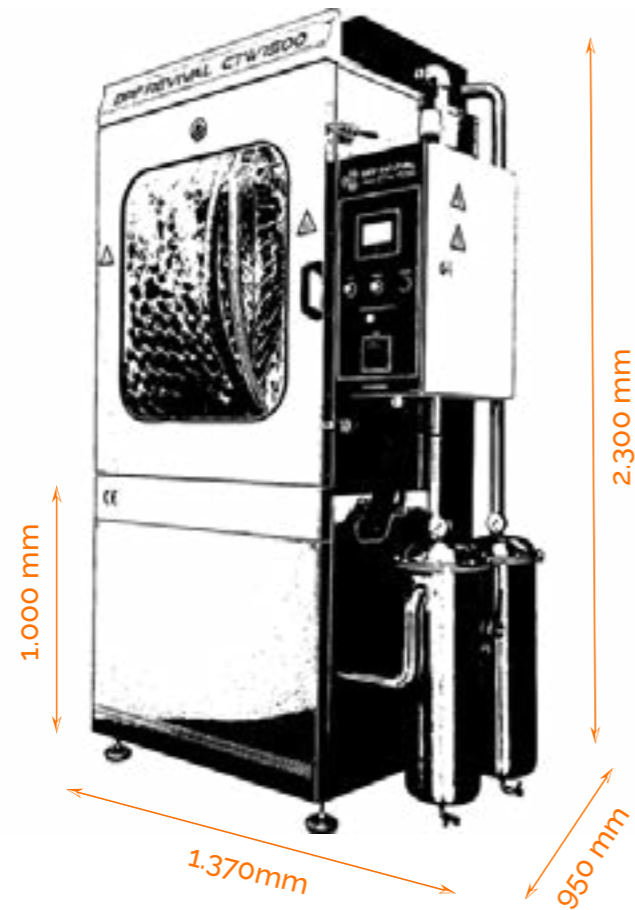


Detergent specifically designed for the removal of solid particles (soot, ash and oil) from the inside of the ceramics of particulate filters and catalytic converters.

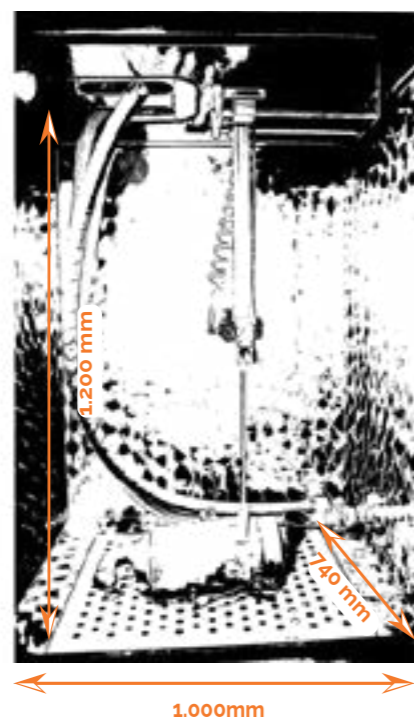
Thanks to its power to neutralise limescale and chlorine in water, it protects the components of the ceramics; platinum, rhodium, palladium (protecting the catalytic coating).



External measurements



Internal measurements

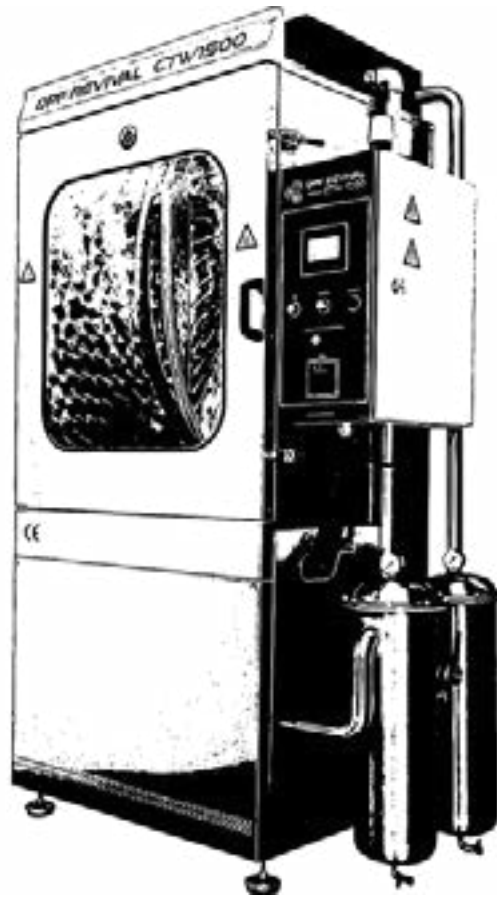


Connections

| CONNECTIONS | |
|----------------------|--------------------------------------|
| Air inlet | Quick stuffing - Male 1/4" |
| Water inlet | 1/2" female |
| Input Power supply | 5 Poles (3PH +T +N) 6mm ² |
| Tank water outlet | 1" 1/2 female |
| Water outlet filters | 1/2" male |

Datos técnicos

| TECHNICAL DATA | |
|---------------------------|--|
| Washing capacity | 1000 x 740 x 1200 |
| Load capacity | 250 Kg |
| Tank capacity | 150 litros |
| Power supply | 400V - 3 PH - 50 Hz |
| Interior light | 1x led IP 67 |
| Total consumption | 22 Kw |
| Air consumption | 100 litres - 6 bar |
| Drying system | INCLUDED |
| Drying system consumption | 7,5 Kw |
| Resistance heating | 7,5 Kw + 7,5 Kw |
| Vapour extractor | 0,75 Kw |
| Washing pump | 2,5 Kw |
| Air blower | 1,5 Kw |
| Touch screen | 7" |
| Weight | 400 Kg |
| Material | Aisi 304 stainless steel for parts in contact with water |



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