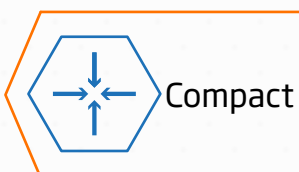


DPF REVIVAL

CTW 1400

Compact machine for cleaning
particulate filters

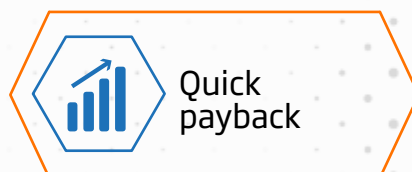
TEST - CLEANING - DRYING - CHECKING



Compact



Portable



Quick
payback

Control of the cleaning process, flow rate and pressure





Compact, portable and ready for work

The **CTW 1400** combines the key functions for professional cleaning of particulate filters and catalytic converters in a compact unit for the workshop. Diagnosis, cleaning, drying and final inspection, all in a solution designed to take up minimal space and operate efficiently.



Compact

Compact design to make better use of workshop space.



Portable

Fitted with wheels for easy movement to the work area.



Full process

Testing, cleaning, drying and final inspection, all carried out using a single machine.



Cost-effective

A solution designed to ensure a quick return on investment.

Intuitive control panel and touchscreen

Quick-connect inlet and outlet fittings



Complete mobility with reinforced wheels

Robust and professional design

COMPLETE CLEANING PROCESS



1. Initial test

Filter diagnosis to assess its condition and degree of saturation.



2. Cleaning

Deep cleaning with controlled flow to remove soot and ash.



3. Drying

Efficient drying to remove residual moisture from the filter.



4. Final check

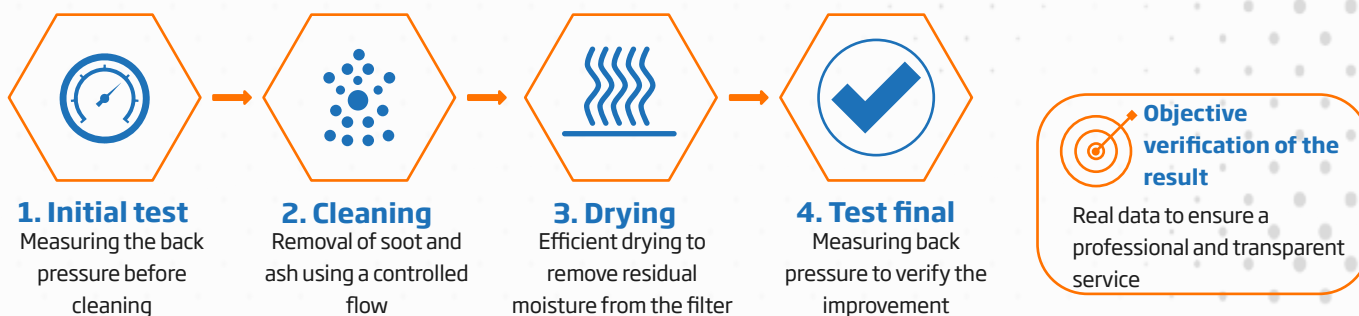
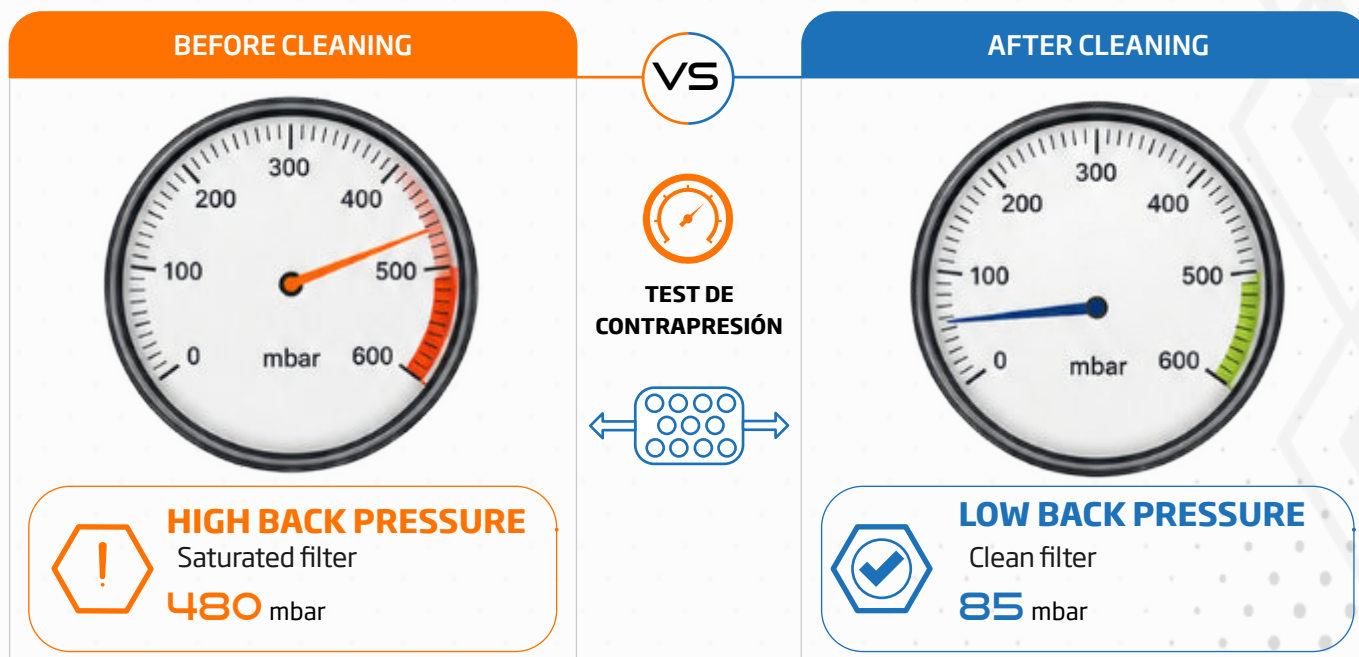
Final check to ensure optimum performance





Diagnosis and verification using a back-pressure test

The **CTW 1400** allows the condition of the filter to be checked before and after the process. The back-pressure test helps to assess the level of saturation and to objectively verify the improvement achieved following cleaning.



KEY BENEFITS

- Check the initial condition of the filter
- It allows you to compare the before and after
- It helps to document the work carried out
- Printing the test result





Deep cleaning using hot water and pressurised air

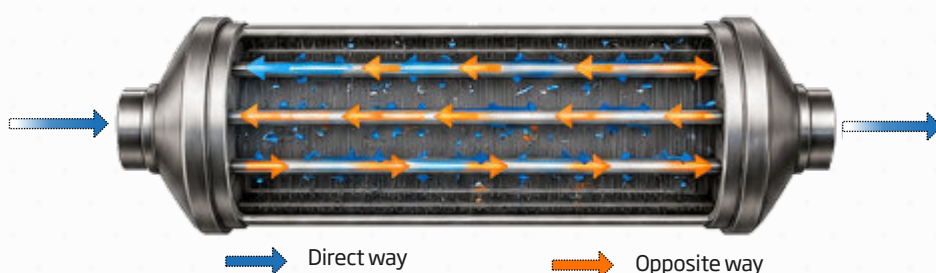


The **CTW 1400** combines hot water, a specialised detergent and pressurised air to clean the interior of the particulate filter thoroughly and in a controlled manner.

CLEANING FLOW IN BOTH DIRECTIONS

INLET

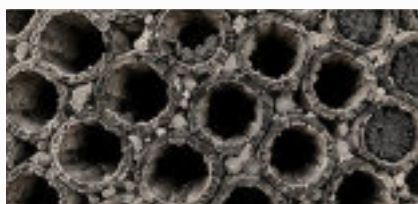
Hot water +
detergent +
compressed air



OUTLET

Waste and
extracted
particles

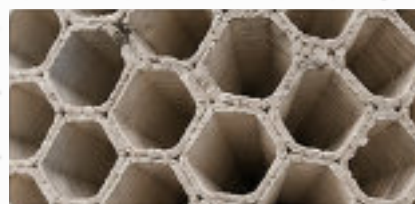
BEFORE CLEANING



Ducts blocked by soot and ash



AFTER CLEANING



Clean, unobstructed channels



Control of the cleaning process

Automated
management and
real-time monitoring.



Flow control

Precise control of the
water flow for
optimum cleaning.



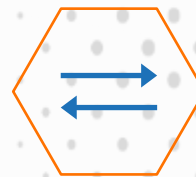
Air pressure control

Precise pressure
adjustment to maximise
efficiency without
damaging the filter.



Washed with hot water

The optimum
temperature dissolves
dirt and improves the
result.



It works in both directions of the filter

The alternating flow
ensures thorough and
even cleaning.

NORMAL MODE water + constant air



Continuous flow for effective
cleaning in most filters.

EXHAUSTIVE MODE Water + pressurised air at intervals



Pressurised air pulses to
dislodge residue stuck in the
filter channels.



Recommended
washing temperature

50-60 °C



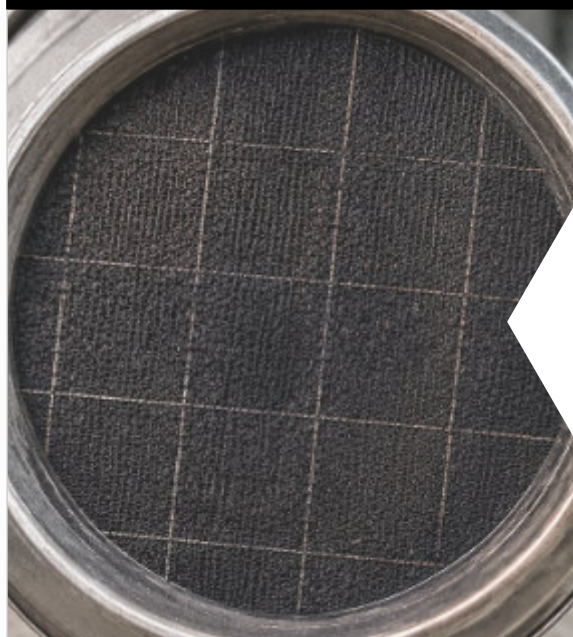


From a saturated filter to a restored filter

A visual demonstration helps to explain the value of the service.

The **CTW 1400** is designed to handle filters with a build-up of soot and ash, carry out the cleaning, dry the unit and check the result.

BEFORE CLEANING



- Significant build-up of ash and soot
- Restricted exhaust gas flow
- Reduced engine performance
- Increased fuel consumption and frequent regenerations

AFTER CLEANING



- Soot and ash removed
- Optimised gas flow
- Improved engine performance
- Lower fuel consumption and reduced emissions



Less restriction

Optimised gas flow for improved performance.



Improved circulation

Uniform distribution of gases and reduced back pressure.



Built-in drying function

Removes residual moisture for effective results.



Final check

Checking the flow rate and the level of recovery achieved.



The extent of recovery depends on the actual condition of the filter and the number of cycles it has undergone.





Built-in drying at high temperature

After cleaning, the **CTW 1400** dries the filter using hot air, helping to remove any residual moisture before the final inspection and assembly.



Reduces residual moisture



Prepare the filter for the final test



The entire process on a single machine



Save time at the workshop

The drying time can be adjusted to suit the type of filter and the level of residual moisture.

INTEGRATED PROCESS



Cleaning

Removes soot and ash.



Drained

Liquid waste is disposed of.



Drying

Hot air at up to 150 °C removes residual moisture.



Final check

Checking air flow and pressure





Technical data and amortization

The **CTW 1400** has been designed to provide a professional cleaning service for particulate filters and catalytic converters in a compact and cost-effective format for the workshop.

1. AN INVESTMENT DESIGNED TO HELP YOU GET BACK ON YOUR FEET THROUGH WORK

Illustrative example



3 clean-ups
/ week



200 €
/ service



Quick
amortization



Estimated ROI
3-4 MONTHS

2. TECHNICAL SPECIFICATIONS

Dimensions	750 x 730 x 855 mm
Weight	140 kg
Power supply	400V - 3PH + N + T
Tank	180 L
Pump	160 L/min - 2,2 kW
Water heating	2 x 3 kW
Drying	5,5 kW
Working pressure	8 - 10 bar
Recommended washing temperature	50 - 60 °C
Drying temperature	Hasta 150 °C

4. Optional



ADPCOVER

3. STANDARD EQUIPMENT



2x ADP-SIL51



2x ADP-SIL63



2x ADP-SIL70



1x ADP-MULTI-P



1x ADP-MULTIG



1x ADP-GUI



2x ADP-RC



1x ADPTEST



2x MANWASH



1x MANDRY





CTW 1400

Compact solution for cleaning particulate filters

Test - Cleaning - Drying - Checking



Technology designed for garages that are looking for a professional, visually appealing and cost-effective service

Scan to view the full details

