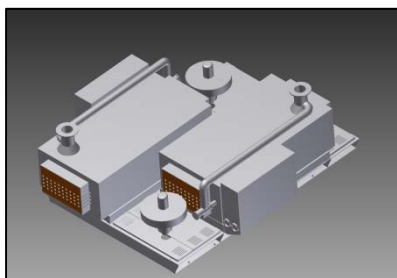


SOLVENT ABATEMENT BY COMBUSTION

For years S.V.E.D.A. designs and realizes solvent abatement systems using the most various technologies.

Among the most classic and simplest processes, there is the **Combustion** which, although for large volumes presents higher energy consumption than other technologies (such as adsorption on activated carbon), it can be interesting and valid for certain applications.

We have an example in the **production of cells for photovoltaic panels**, where there is the need to break down the emissions of solvents coming from the production process through an efficient system contained in weight and size. The same plant can be applied to any requirement of high-efficiency solvent abatement.



S.V.E.D.A. has studied and improved over the years an **electric combustion unit** capable of adapting to the customer's requirements in terms of reliability, compactness, ability to not upset the upstream process, ease of installation and use, high temperature resistance and expansion.

As all S.V.E.D.A. plants, it is supplied key in hand, complete with control and safety instrumentation, everything managed by a PLC with touch-screen Operating Panel, which guarantees the highest ease of operator /

machine dialogue.

Technical Features (Compact Electric Combustors):

- | | |
|--------------------------------|-----------------------------------|
| - Capacity | from 30 to 150 Nm ³ /h |
| - Electric capacity | from 10 to 30 kW |
| - Electric power | 400-480 V / 50-60 Hz |
| - Inlet solvents concentration | from 0 to 10 gr/m ³ |

Services Offered by S.V.E.D.A. :

- Research and development of non-standard specific units to meet all customer needs
- Plant supplied key in hand
- Provision of piping, filters or auxiliary suction systems
- Training sessions for staff for the proper use of the system
- After sale assistance

