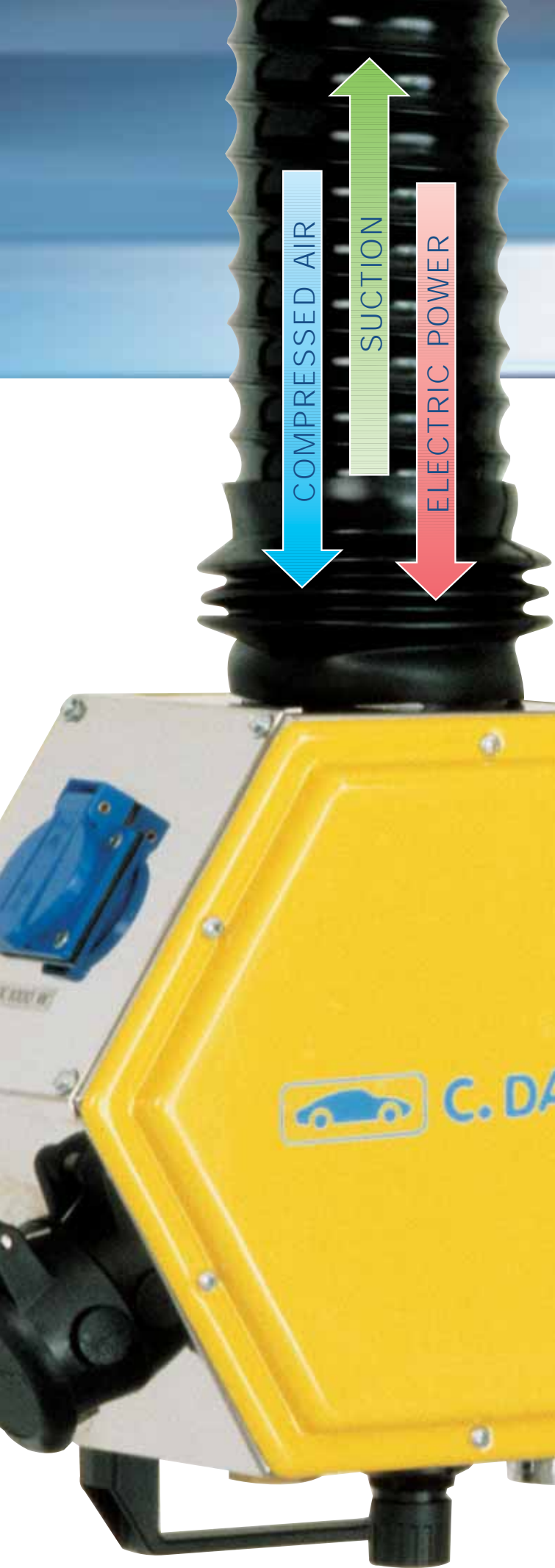


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**C.DALMINE®**

Power Delivery System



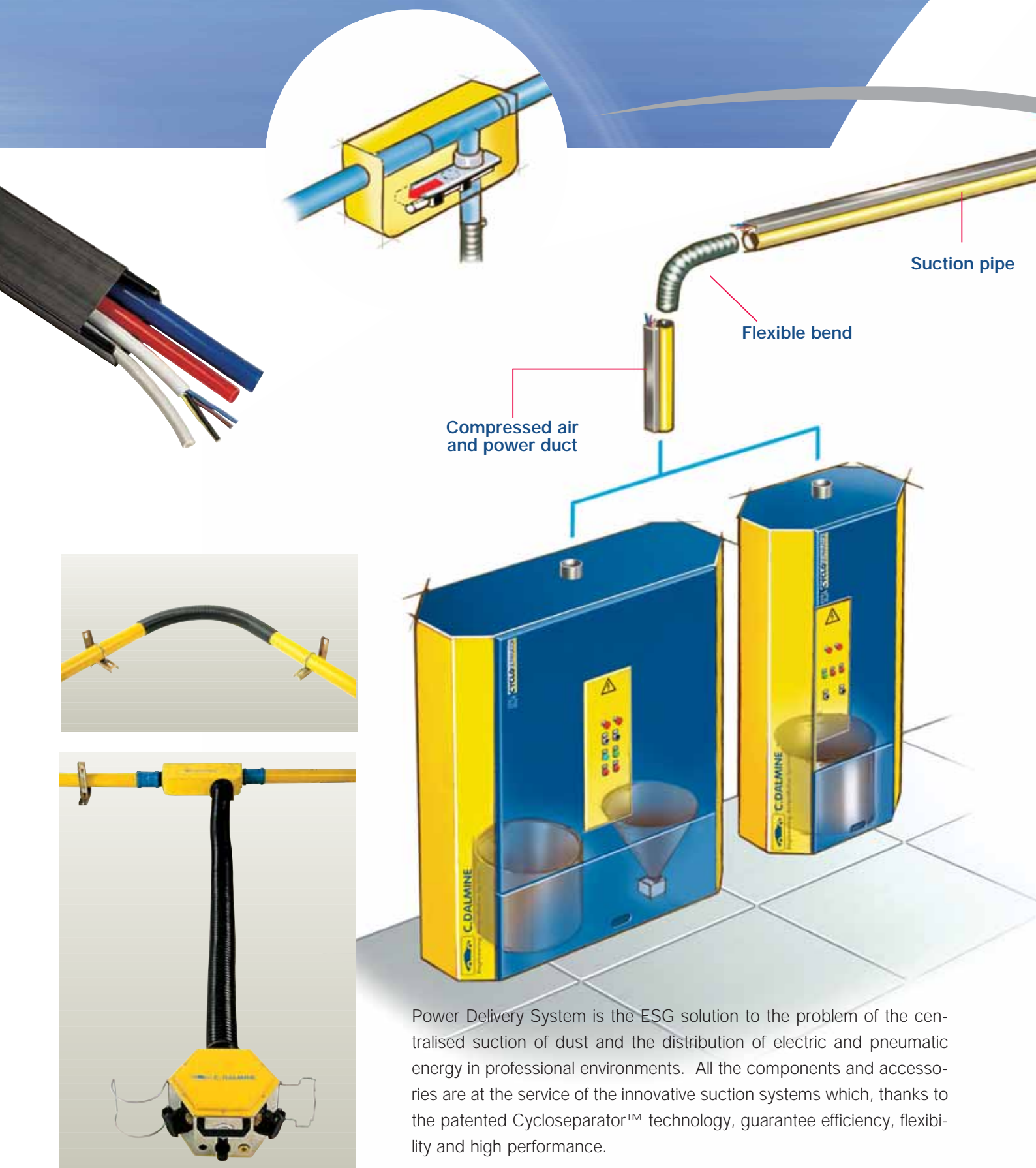
## Quality and integration

The Power Delivery System hexagonal unit produced by C.Dalmine combines the three forms of "energy" required for processing in one single delivery point:

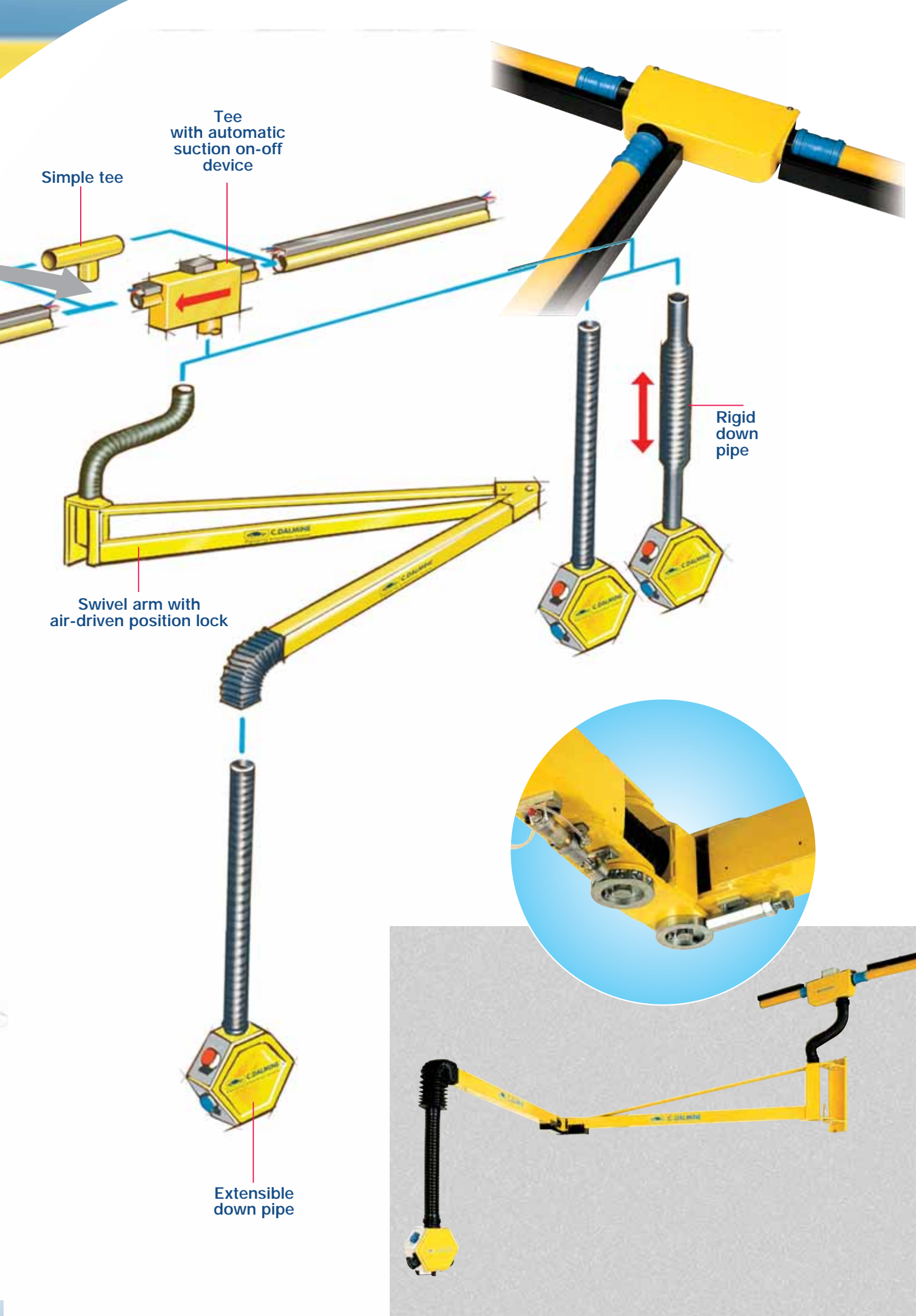
**compressed air** to operate pneumatic tools, **vacuum** to exhaust the dust produced by sanding and **electricity** to power the tools.

The superior standard of all components and the accurate quality control carried out on each are the best guarantee of total reliability of the Power Delivery System, designed and engineered to withstand the heaviest and most demanding work cycles.

The state-of-the-art technology on which it is based completely eliminates all faults arising with conventional systems and enables the operator to concentrate his efforts only and exclusively on the job in hand, without any waste of time.







# Flexibility to meet all needs

## CYCLOSEPARATOR™

C.Dalmine appliances are intended for systems for the suction and filtration of all the dust coming from surface treatment processes that have to be caught at high speed and transported under high pressure. The exclusive patented Cycloseparator™ technology and the application of polyester "long-life" filters, guarantee very high filtering efficiency and constant performance over time.

Control panel with PLC integrated allows advanced management of the functions of the control units in order to satisfy the system requirements in the best way. The energy consumption will be self adapted to suit the actual demands of the operators.

All Cdalmine suction units can be supplied on request with a certification of conformity with the directive 94/9/EC Atex.

CE Ex II 3 D T 150 °C.



Electropneumatic track for power and utilities delivery.

Further information available upon request.



## SCS4 CYCLOSEPARATOR™

Designed for the suction requirements of medium and small systems with a few tools, not many used simultaneously. It is equipped with a Cycloseparator™ system connected to a dust waste bucket, with manual emptying.

## DCS4 CYCLOSEPARATOR™

Suitable for the suction requirements of medium systems, but with heavy work loads. It is equipped with two Cycloseparator™ filtration systems with alternate operation and two dust waste bucket with manual emptying.

## DCS8 – DCS12 CYCLOSEPARATOR™

Created for the suction requirements of large systems, these units are applied where there is a considerable amount of simultaneous use by operators and where there are heavy work loads. They are equipped with two Cycloseparator™ filtration systems and two dust waste bucket with manual emptying.

**All Cdalmine units can be customised, on request, with these systems of the latest generation:**

### Version with automatic start

This option optimises the unit operation so that the number of filters at work and the amount of absorbed energy are proportional to the number of users in activity at the same time.

### Automatic dust emptying system

As an alternative to the traditional dust container with manual emptying, on request the units may be equipped with an exclusive automatic dust emptying system, composed of a Venturi pump connected to the safety container, with possibility of remote control.

[www.cdalmine.it](http://www.cdalmine.it)



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