

# Libellula.HVAC



The true CAD/CAM response  
to the specific needs of duct makers

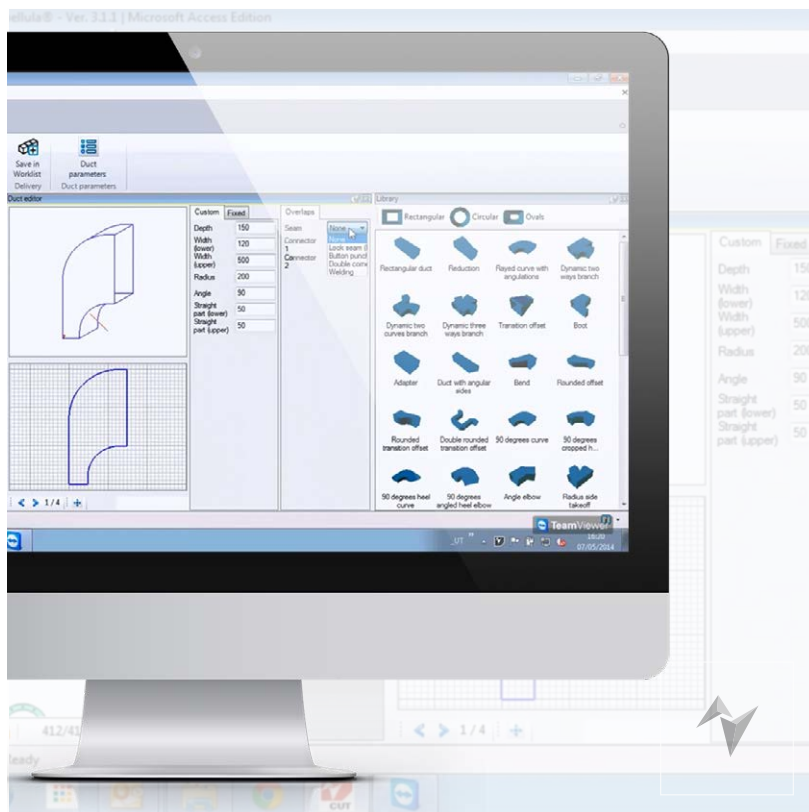


**Libellula**  
Cutting The Edge Of Software Everyday

Software Line



From 3D CAD to  
plan development



## More than 100 solutions for the needs of the duct makers

Libellula.HVAC (Heating Ventilation Air Conditioning) is the Libellula Universe specific software for the design of parts for air conditioning systems, serving as the perfect solution for all operators in the field of ventilation and air conditioning.

Thanks to the extensive library of customizable parametric figures, a CAM environment that automates the process of production with a complete set of 2D shapes, allowing designers to always find the best solution.

## The largest library of parametric figures available today

Libellula HVAC uses:

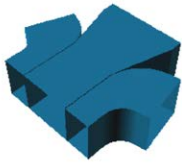
- ✦ Library with more than 100 customizable parametric figures
- ✦ CAM environment that automates the process of production of details

## 100% automatic, 100% "One-Click" Libellula Philosophy, 100% easy to use

Thanks to the exclusive methodology "One-Click", Libellula.HVAC allows fully automatic and fast creation of the elements that make up a job, to which is added the great advantage that it does not need to have an external CAD for the creation of parametric figures.

Selected one of the available parametric figures, will define the necessary set of dimensional parameters and technology, which will be followed by further steps to arrive at the completion of the project:

- ✦ Creation of the piece render (for 3D visualization)
- ✦ Registration of the figures obtained in a production order
- ✦ Automatic creation of the corresponding icons
- ✦ Generating the nesting and cutting programs (on the basis of the selected machine)
- ✦ Extremely detailed final report



Parametric figures: SQUARE



Flat radiused  
curve with angle



2 curves  
dynamic lead



Displacement  
(Straight Bands)

Parametric figures: CIRCULAR CONICAL



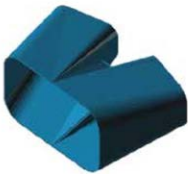
Tubular



4-way French  
ventilation branch



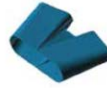
Parametric shapes: OVAL



With offset  
to the Sectors



The fitting  
between  
the ovals  
(Generic)



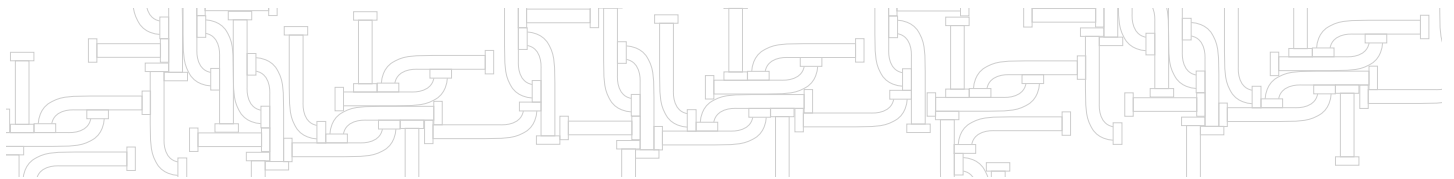
Ventilation branch  
with French  
Ovals Bouches



EXTENSIVE LIBRARY OF PARAMETRIC  
FIGURES FOR DESIGNING SPECIAL  
CHANNELS FOR VENTILATION  
AND AIR CONDITIONING



COMPLETENESS OF FUNCTIONS,  
ABSOLUTE EASE OF USE AND TOTAL  
AUTOMATION OF THE PROCESS



## Technical features



- ✔ Ease of use (thanks to the exclusive "One-Click" Libellula method)
- ✔ Flexible and complete library
- ✔ 3D view of the details
- ✔ Ability to set custom values for lengths / diameters and heights
- ✔ Total automation of the nesting process
- ✔ Automatic creation of Icons, Nesting, Technology, Machine Codes, Reports
- ✔ Linear Workflow suitable for both designers and simple operators
- ✔ Can be used in the "stand alone" mode, by resorting the outputs in DXF / DWG format, or in combination with other Libellula Universe softwares



**Microsoft Partner**  
Silver Application Development

**Libellula S.r.l. - Headquarters**

Via Savigliano 6/B/1 - 12062 Cherasco (CN) - Italy | Tel. +39 (0) 172 491834 - [contact@libellula.eu](mailto:contact@libellula.eu)

[www.libellula.eu](http://www.libellula.eu)

