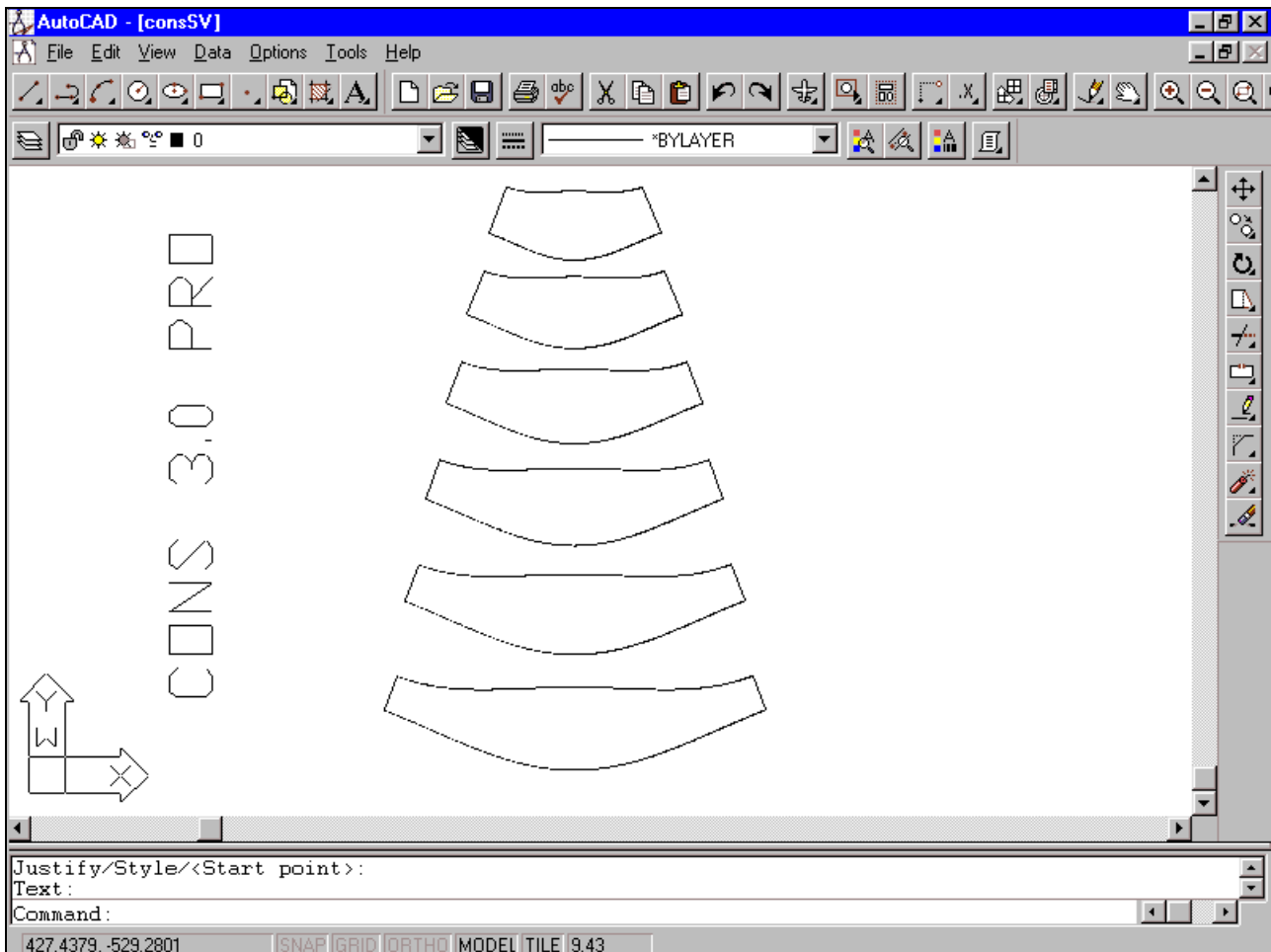## Soft-Engine - Software Cons

Main features

CONS is a **software** by Soft-Engine to develop templates for the parts for **exhaust pipes construction** (mainly for 2 stroke engines).
The software runs on Windows environment and it's very easy to use.
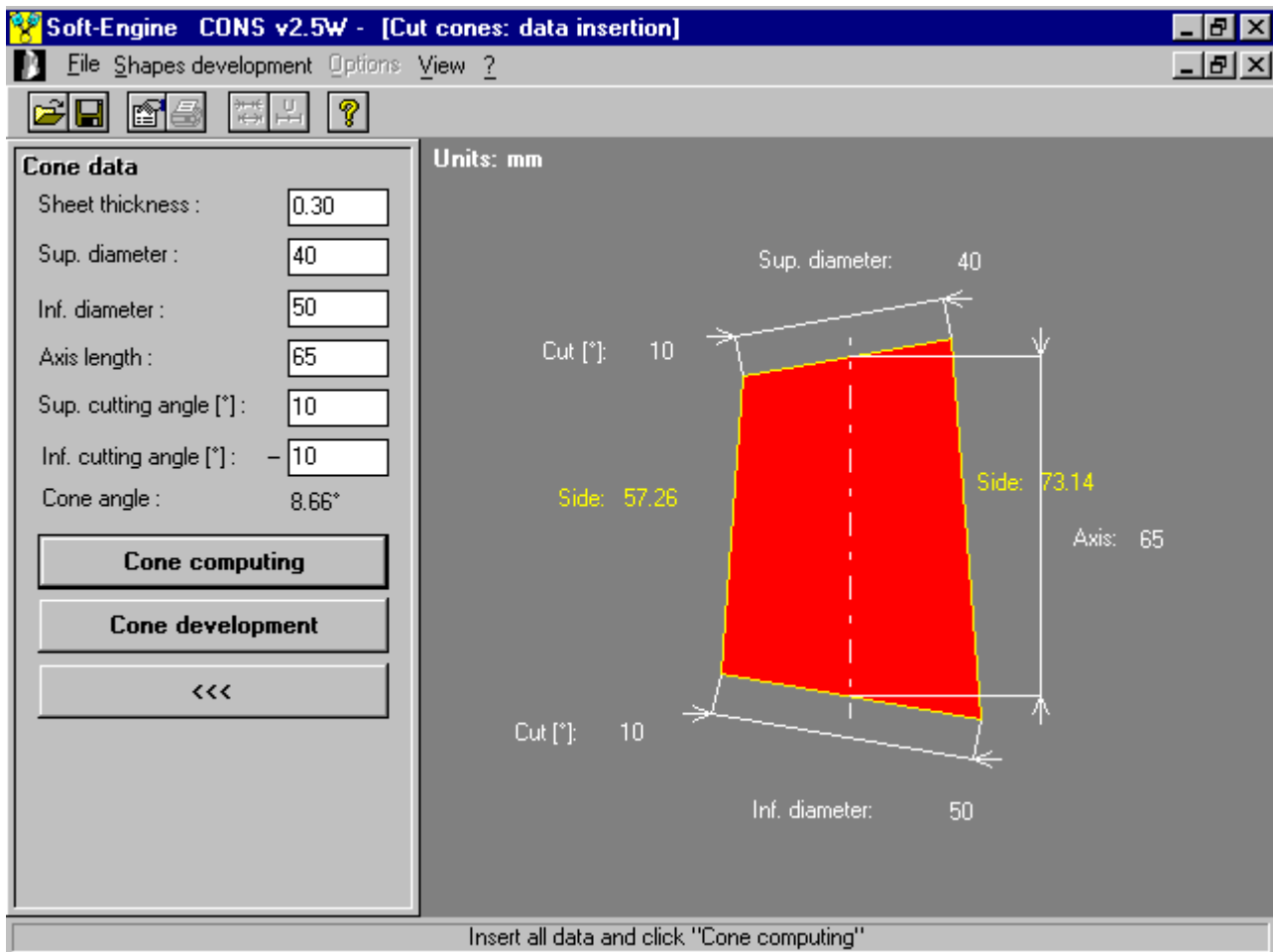

Autocad exporting of conic shapes

Version 2.0 W

Here is a list of its most important utilities:

Parallel and not parallel bases **cones** development

Parallel and not parallel bases **cylinders** development

Welding side choice

Data files

Printing on a 1:1 scale with any kind of printer, print calibration, printer set-up, printing preview.

The dimensioned pictures of cylinders and cones redraw automatically when data change and dimensions are indicated on both sides.
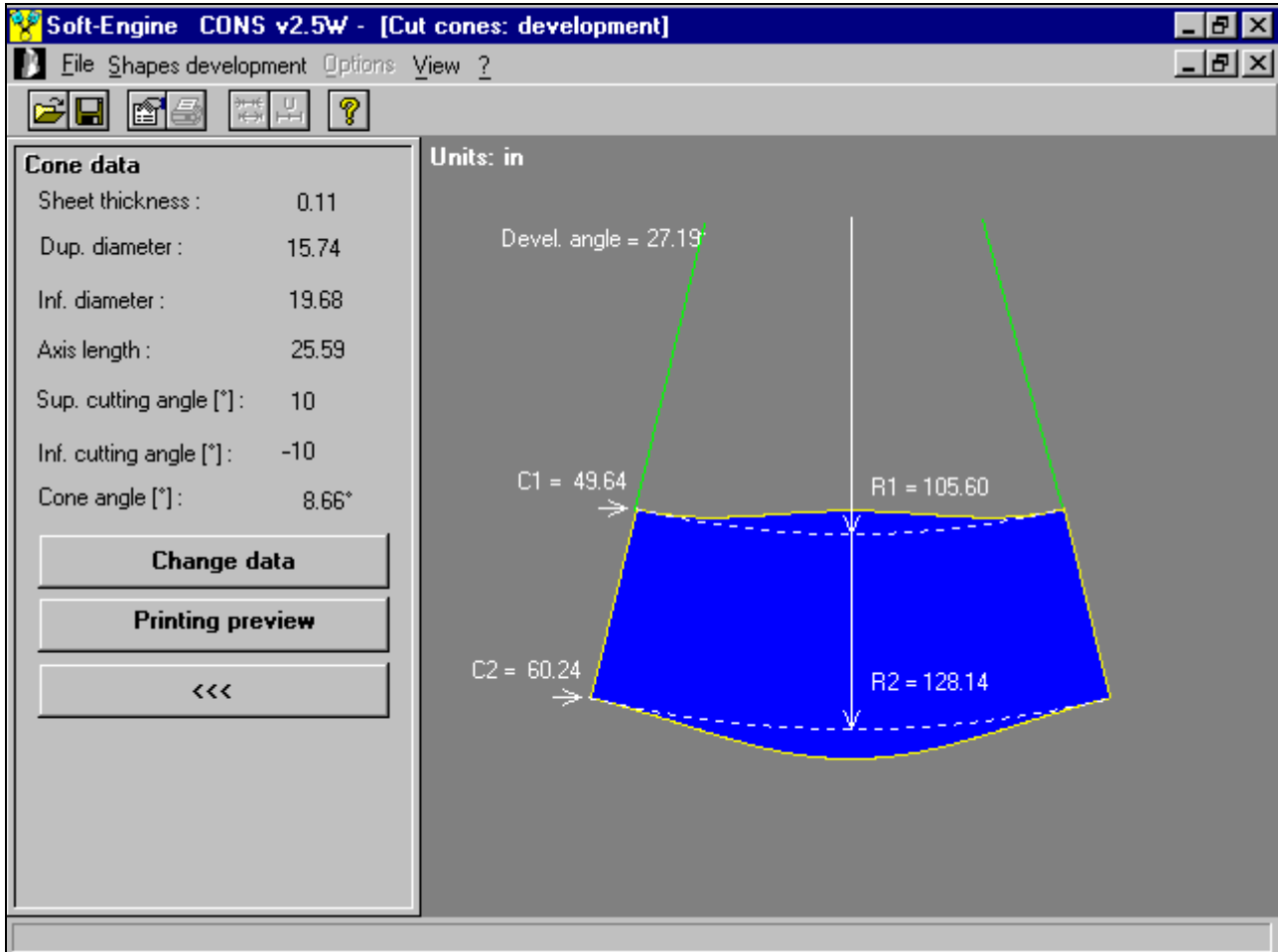

Divergent cut cone data input

Version 2.5 W

The same as 2.0 W version including :

 conic curves with three different options:

 - first and last sections included automatically
 - no first and last sections included
 - chosen about first and last sections included

 cylindrical curves
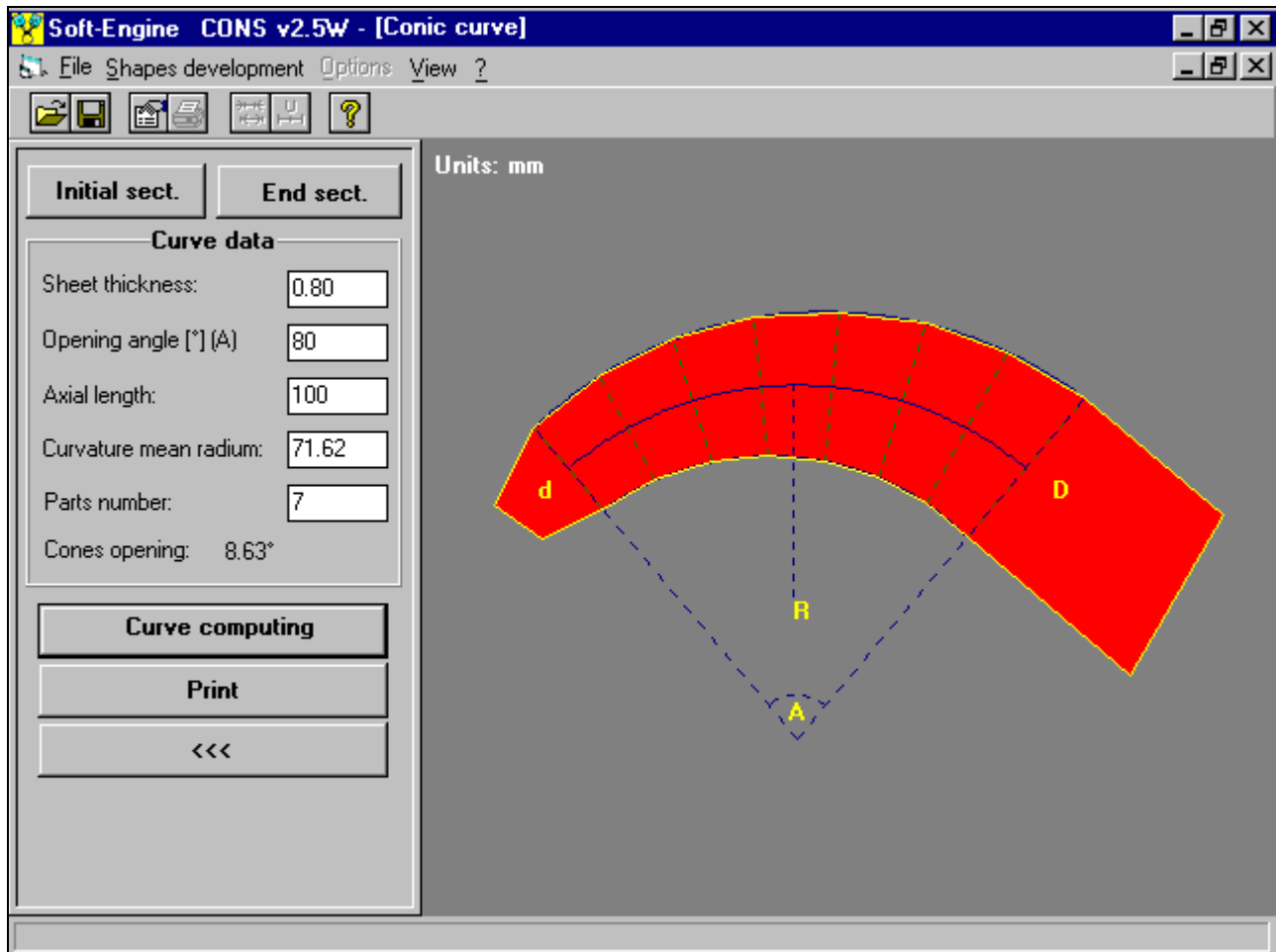

Divergent cut cone envelope

Version 3.0 W

The same as 2.5 W version including:

DXF Files (for CAD systems)

DXF data filing

ISO Files (to drive machines tools for laser sheet cutting and die construction)

ISO data filing

Conic curve
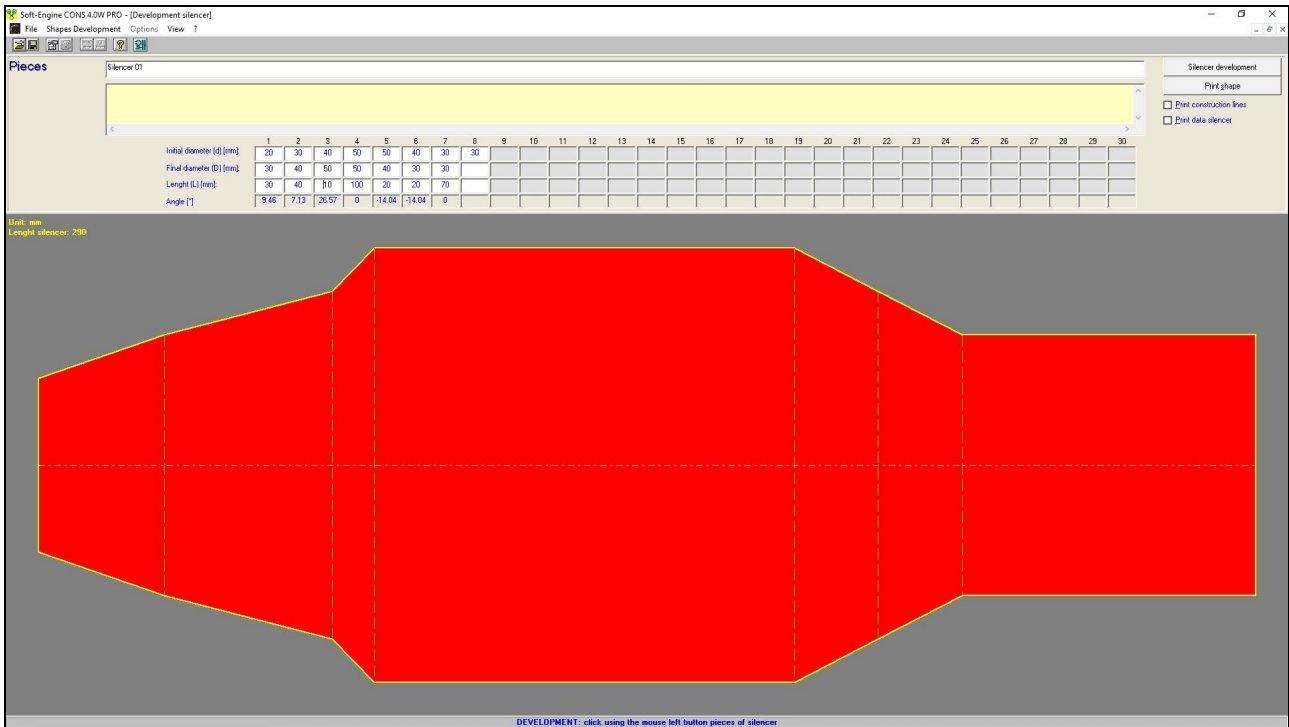
Version 4.0 W

In addition to the functions provided by the previous versions, the 4.0 version also allows the creation of the central body of the complete silencer, with each single part that can then be developed into a conical or a cylindrical shape, to obtain simply by clicking the part of the shape that you like to create. The software provides for the introduction of the diameters and lengths for each individual parts and calculates the inclination of the various cones. A real-time drawing of silencer central body facilitates the introduction of data. It is possible to print complete silencer shape and the various conical/cilindrical developments on any kind of support, with or without a data table and with or without the construction lines.

Silencer profile

Versions and costs

Version	Cost
Cons 2.0 W Engineering, development and printing of conical parts for exhaust systems.	€ 280.00
Cons 2.5 W Like 2.0W version including conic and cylindric curve.	€ 500.00
Cons 3.0 W Like 2.5W but including DXF and ISO file exporting.	€ 1,100.00
Cons 4.0 W Like 3.0 W version but including the development and printouts of central body of total silencer, management of construction lines and any kind of printouts support.	€ 1,800.00

PC minumum configuration

Feature	Description
Processor:	Any personal computer IBM compatible.
System:	Windows ME, NT, Xp, Vista, Seven, Eight, Ten - 32 or 64 bit systems.
Memory RAM and Hard Disk:	At least 512 MB RAM and 2 GB free in the hard disk (for best Windows performances).
CDrom or Dvdrom device:	Speed at least 52X.
Graphic card:	VGA, SVGA and compatible cards, set at least 32 bit, Min. resolution: 1024x768.
Miscellaneous:	Keyboard, mouse, at least 1 USB port free (to connect the printer).
Printer:	Any ink-jet printer. Total compatibility with laser printers.
Total compatibility with notebooks and cases minitower PC.	