

without CADISON: 4 years

with CADISON: 1 year

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Options when drawing a pipeline with CADISON

Option	Typing	Explanation
Usage of option Undo	u	Undo the most recently drawn line section until the start point of the pipeline where it exists.
Usage of option Config	co	This command calls up the CADISON Explorer configuration dialog. You can make changes in the configuration of Explorer functions here.
Usage of option FAngle	fa	Use this command to enter the angle through which the pipeline should run. The angle between the dashed line and the black line is 30°, maintaining the 90° to the red line that should usually be kept in pipeline construction. FA stands for fixed angle. To enter a fixed angle, you must first set a reference point. This is done by clicking on the left mouse button. Then enter FA and confirm. The desired angle can now be set by entering a value or clicking with the left mouse button. If you enter FA again and confirm, this reverts to the original angle (A stands for angle). If A is entered and confirmed, the angle is switch on and off. The size of the angle can be set using FA.
Usage of option W	w	Draws further the pipeline using the angle defined before that.
Usage of option FX	fx	Fixes the X coordinate of the target object. If you want to force a point to the X coordinate 1000, with its Y and Z coordinates depending on other drawing elements, enter FX, press <Enter> and then enter the value (or the snap point of an object, from which point the X value is determined). Wherever you place your object or pipe point, the X coordinate will always be 1000.
Usage of option FY	fy	FY means fixed Y position. In other words, when you enter FY and confirm, the Y coordinate of the selected point is fixed. If you enter FY again and confirm, that removes the lock on the original Y coordinate.
Usage of option FZ	fz	FZ means fixed Z position. In other words, when you enter FZ and confirm, the Y coordinate of the selected point is fixed. If you enter FZ again and confirm, that removes the lock on the original Z coordinate.
Usage of option + or -	+ / -	When using options FX, FY, FZ you can define a distance to the selected point: further with "+" or closer with "-" .
Usage of option FDistance	fd	You can use this option to specify the distance or length of the pipeline. If you type a figure and confirm by clicking <OK>, the pipeline is drawn to this length. You can select the direction in which the pipeline is to continue.
Usage of option A	a	A stands for fixed distance. To enter a fixed distance, you must first set a reference point. This is done by clicking on the left mouse button. Then enter A and confirm. The desired distance can now be set by entering a value or clicking with the left mouse button. If you enter A again and confirm, this reverts to the original distand.
Usage of option Snap	sn	When Snap is activated, the CADISON snap points (mid point, intersection points, etc.) are used as soon as the cursor approaches them. The Snap function can be turned on and off by entering SN and confirming. Snap switches the snap function on and off. When switch off, the OFF indicator is displayed in Explorer.
Usage of option Clear	c	Deletes the search memory in Explorer. When you move the cursor over a CADISON object, this object is added to the search memory. Objects located in the search memory can be recognized according to the insertion points or connection points that are displayed. Use this option to empty this memory.
Usage of option Hsnap	h	When Hsnap is activated, the CADISON Explorer always jumps automatically to the next connection point. Hsnap is turned on and off when you enter H and confirm. When Hsnap is active, the HS indicator in Explorer is displayed. Normally, Hsnap is switched off.
Usage of option ORient	or	When Orient is activated, the object is oriented using the orientation lines during positioning. Entering OR and confirming causes the orientation mode to be switch on and off. Normally orientation mode is switched on. When orientation is active, the OR indicator in Explorer is displayed.
Usage of option RB	rb	RB stands for rotation base. RB is used to rotate an object to be placed around a specific angle and axis of rotation. When an RB has been specified, the object can be rotated in 90° steps in the offset angle. Tip: this funtion is usually used e.g. to create nozzles on the cooling tank shell.

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Usage of option Router	r	Router is turned on and off when you enter R and confirm. The next information the router tool requires is the connection point to which it should continue drawing. It then draws a dashed line for use as a proposed route for laying a pipeline. You can make slight modifications using the mouse and confirm by clicking with the left mouse button.
Further useful button combinations		
Shift + Ctrl + Space		To rotate the object around the axis of rotation in steps of 90°
Tab		To switch the coordinates system when designing a pipeline. Is not valid for pipelines with slopes
Alt + Property		To insert a text from the table
Ctrl + left mouse button		To open a coordinate input
Shift + left mouse button		To set a relative reference point
Ctrl + Spacebar		To rotate when inserting objects
Shift + Spacebar		To change the insert point when inserting objects
Spacebar		To modify the insert point when inserting objects
F6		Dynamic UCS
F7		Grid on/off
F8		Ortho on (O)
2 x F8		Construction lines on (c-line)
3 x F8		Ortho and construction lines on (O-c-line)
4 x F8		Ortho and construction lines off