

# iso.EDGE for Solid Edge

Autoroute isometry out of the 3D-constructionssystem Solid Edge on the simplest way, on base technology of the market leader ALIAS.

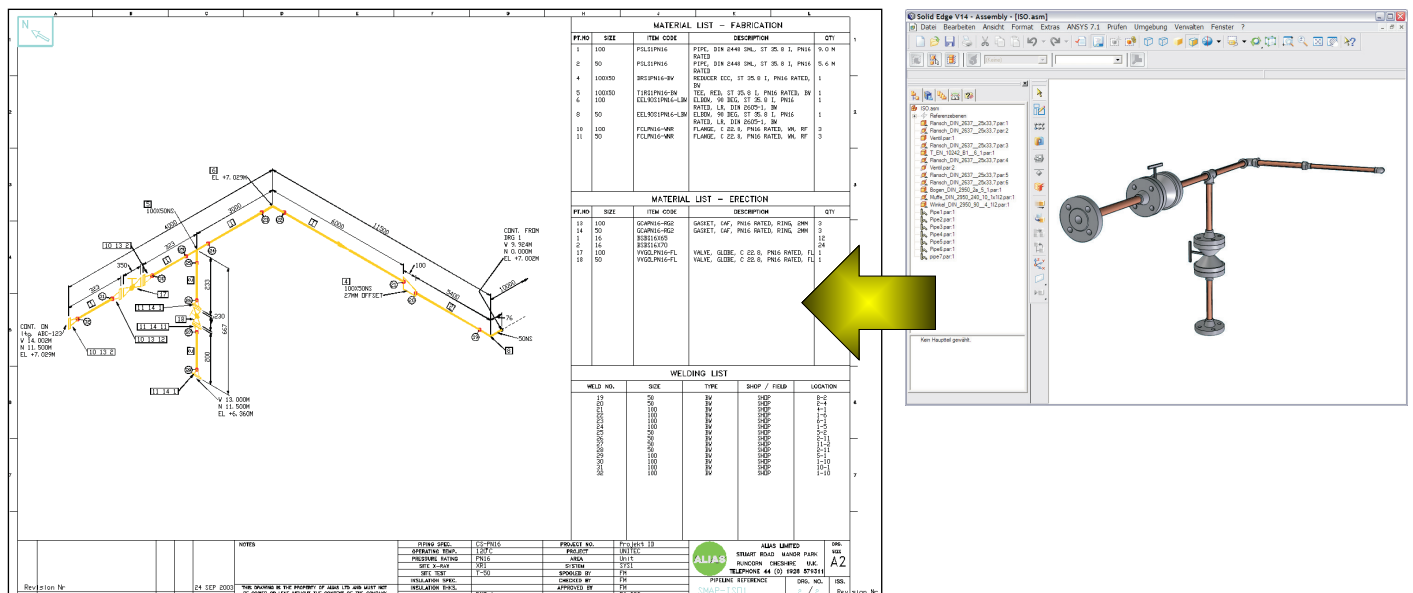


UNITEC takes the focus on the Requirements of mechanical and plant engineering. Smart -ISO and the production of pipings and their isometries simplifies dramatically. Enterprises are often standing in front of the problem, that a typical 3D-constructionssystem of mechanical engineering is not up to the mark of the piping-building.

Contrariwise functionality of the mechanical engineering is needed by plant engineering, especially in the case of detailing konstruktions, which are not, or insufficient available in the most plant design systems.

UNITEC is closing this gap and is providing the efficient solutions of base technology by Solid Edge and Alias. Both products see themselves as the market leader in their branch and offer an outreaching cost-effectiveness. Mechanical and plant engineerer will profit of a productive collorberation acures by the conflation of both systems.

iso.EDGE exports all important informations of pipings out of Solid Edge and athorate the isometry fully automatical. Use the automation of this routinely tasks and save your time and money!



The image displays the iso.EDGE software interface. On the left is a 2D piping isometry drawing with dimensions and annotations. In the center are two tables: 'MATERIAL LIST - FABRICATION' and 'MATERIAL LIST - ERECTION'. On the right is a 3D assembly model of a piping system. A yellow arrow points from the 3D model towards the material lists.

PI.NO	SIZE	ITEM CODE	DESCRIPTION	QTY
1	100	FILIFRHS	PIPE, 816 2448 DN, ST 35.8 I, PHS	9.0 M
2	90	FILIFRHS	PIPE, 816 2448 DN, ST 35.8 I, PHS	9.0 M
4	100/80	BSG-PH6-BV	REDUCER, 80, ST 35.8 I, PHS, RATED, BV	1
5	100/80	FIBERPH6-BW	TEE, 80, ST 35.8 I, PHS, RATED, BW	1
6	100	EELKOPH6-L-3M	ELBOW, 90 DEG, ST 35.8 I, PHS, RATED, L, 3M	1
10	100	FILPH6-3M	FLANGE, C 22.8, PHS, RATED, WR, RF	3
11	90	FILPH6-3M	FLANGE, C 22.8, PHS, RATED, WR, RF	3

PI.NO	SIZE	ITEM CODE	DESCRIPTION	QTY
13	100	GA6PH6-602	GASKET, GAF, PHS, RATED, BEING, DNH	2
14	90	GA6PH6-602	GASKET, GAF, PHS, RATED, BEING, DNH	2
15	16	BIS16L70	VALVE, GLOBE, C 22.8, PHS, RATED, FL	1
17	100	WVGLPH6-F-L	VALVE, GLOBE, C 22.8, PHS, RATED, FL	1
18	90	WVGLPH6-F-L	VALVE, GLOBE, C 22.8, PHS, RATED, FL	1

WELD NO.	SIZE	TYPE	SHOP / FIELD	LOCATION
1	20	BV	SHOP	101-10
2	20	BV	SHOP	101-10
3	100	BV	SHOP	101-10
4	100	BV	SHOP	101-10
5	100	BV	SHOP	101-10
6	100	BV	SHOP	101-10
7	100	BV	SHOP	101-10
8	100	BV	SHOP	101-10
9	100	BV	SHOP	101-10
10	100	BV	SHOP	101-10
11	100	BV	SHOP	101-10
12	100	BV	SHOP	101-10
13	100	BV	SHOP	101-10
14	100	BV	SHOP	101-10
15	100	BV	SHOP	101-10
16	100	BV	SHOP	101-10
17	100	BV	SHOP	101-10
18	100	BV	SHOP	101-10

## Advantages of iso.EDGE

- ✓ Creation of pipings in Solid Edge. The application of Solid Edge covers all the requirements of mechanical engineering. Simple handling, high performance and low capital expenditure in reference to purchase in training and service.
- ✓ All relevant information (meta data) of plant engineering is provided in Solid Edge and can be used on downstream processes like PDM, PPS for example.
- ✓ Automatic isometric generation at the touch of a button. All meta data of pipings will be straight transfer by iso.EDGE. Consequently you conceive the entire isometry, including the dimensioning, the marking and the lists of material, customizing and welding.
- ✓ Direct export to AutoCAD, SmartSketch und Microstation are available. Also the neutral exchange format DFX and DWG.

## Mechanical

- ✓ Enhancement of the productivity in the construction
- ✓ Distribution and integration of 3D solutions
- ✓ Engineering Data Management EDM
- ✓ Productmanagement PDM
- ✓ Customer Full Service
- ✓ Training in our own trainingscenter

## Process

- ✓ Individual solutions for 2D/3D plant design
- ✓ Intelligent production of assembly pictures
- ✓ Architecture & steel construction
- ✓ Plant-visualization
- ✓ Flexible solutions for the isometry production
- ✓ Training, consulting & project accompaniment
- ✓ Process optimization & instruction development

## IT-Systems

### For your contact with UNITEC

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