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**convertible foam cutter**

## EPS CONTOUR CUTTER STYROPLOT

Four (4) axis foamcutter with convertible frame  
for shapes and flat-roof products (tapered-,valley- and hip sheets)



## EPS CONTOUR CUTTER STYROPLOT

**Four (4) axis foamcutter with convertible frame  
for cutting 2D and 3D shapes, flat-roof products**

### TECH SPECS

- o machine construction from steel profiles
- o cutting head with convertible frame system
- o up to 12 cutting wires
- o special high temp alloy wire R41 with 0,3mm Ø
- o (4) servo motors for movements on linear bearings
- o independent axis control (2 x X / 2 x Y)
- o material support table
- o adjustable block align with angle knives
- o turntable for manual turning



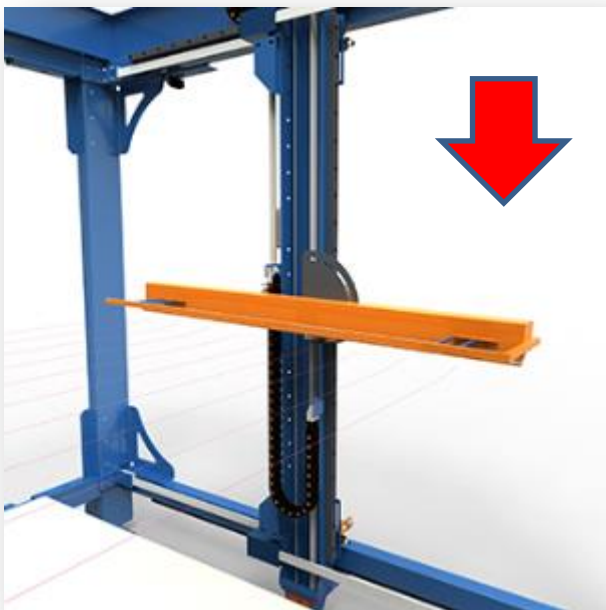
### EQUIPMENT

- o electrical cabinet with transformer
- o wire heat control
- o separate control panel with industrial PC (WIN OS)
- o PLC Siemens, motion controller
- o StyroDesign Software
- o for design, nesting and calculation
- o special VIRO ROOF software
- o for easy editing of tapered roof sheets
- o corner sheets and roof saddles

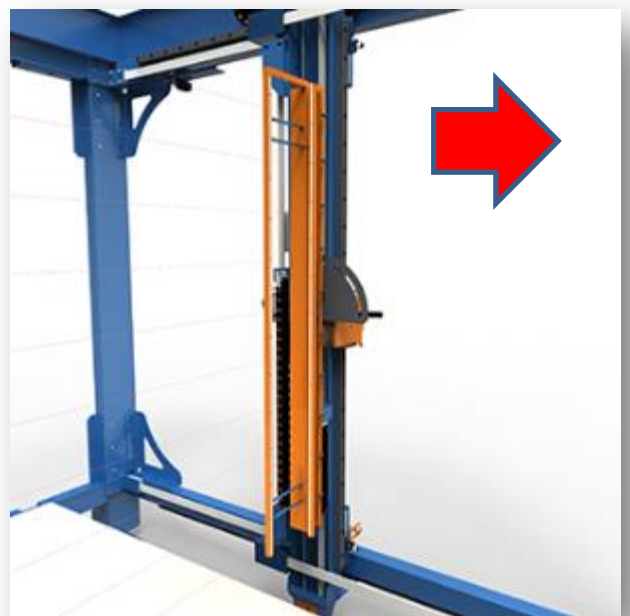


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**VERTICAL**  
CUTTING DIRECTION

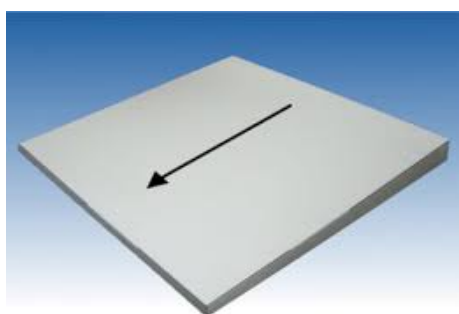


**HORIZONTAL**  
CUTTING DIRECTION

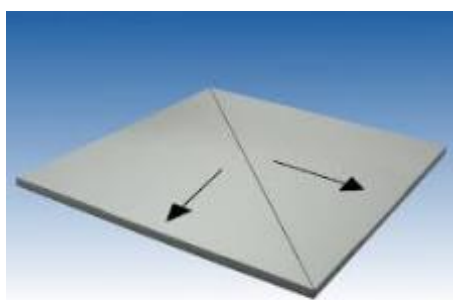


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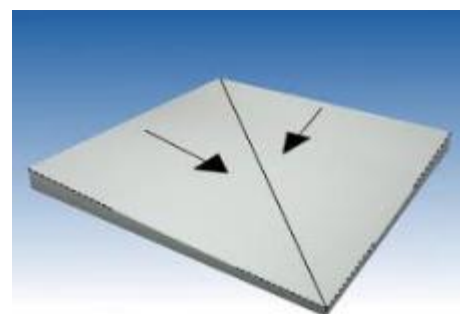
Four (4) axis foamcutter with convertible frame  
flat-roof products



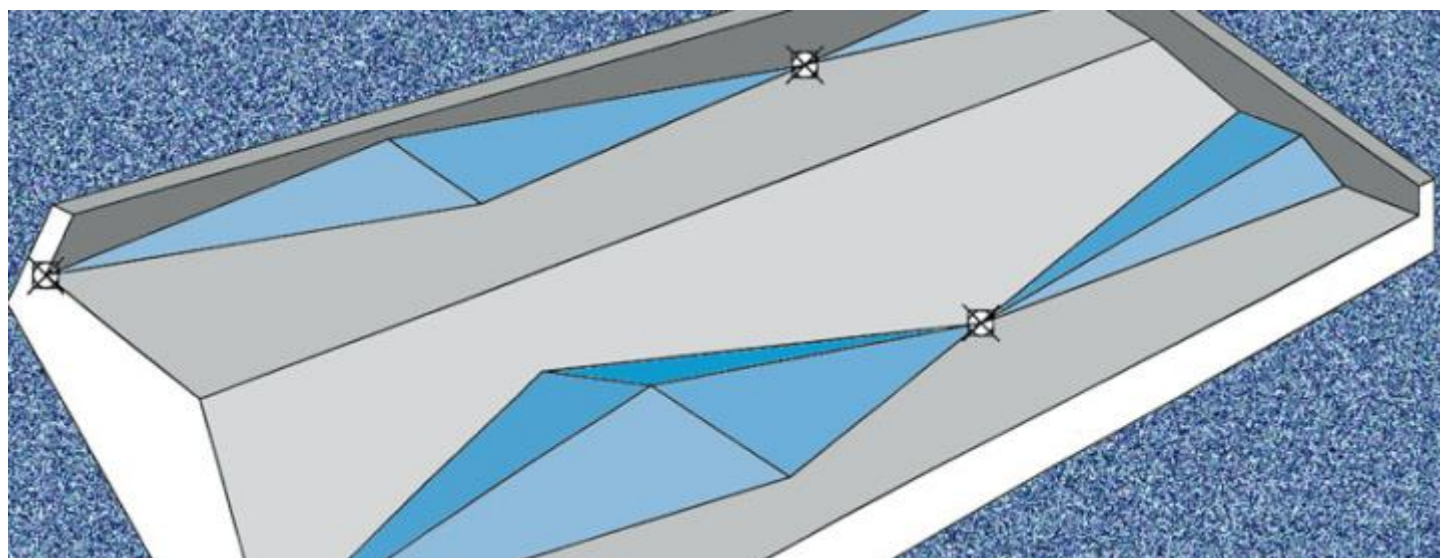
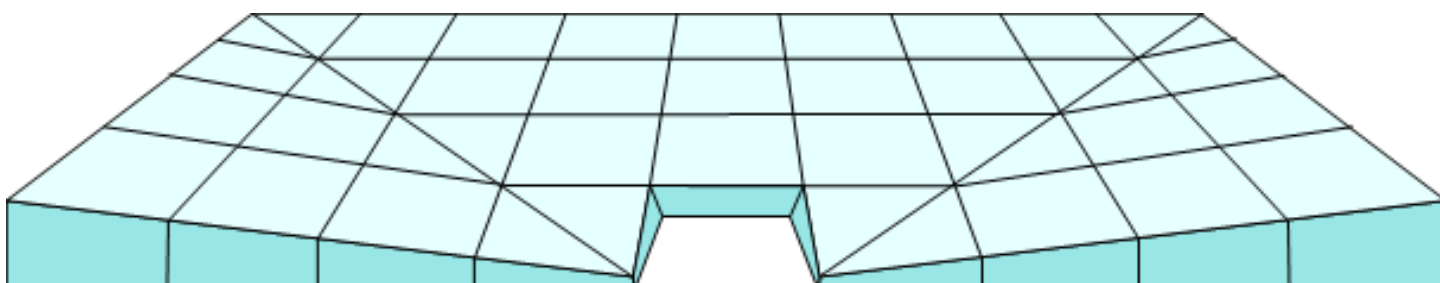
Tapered roof sheet



Corner sheet - hip



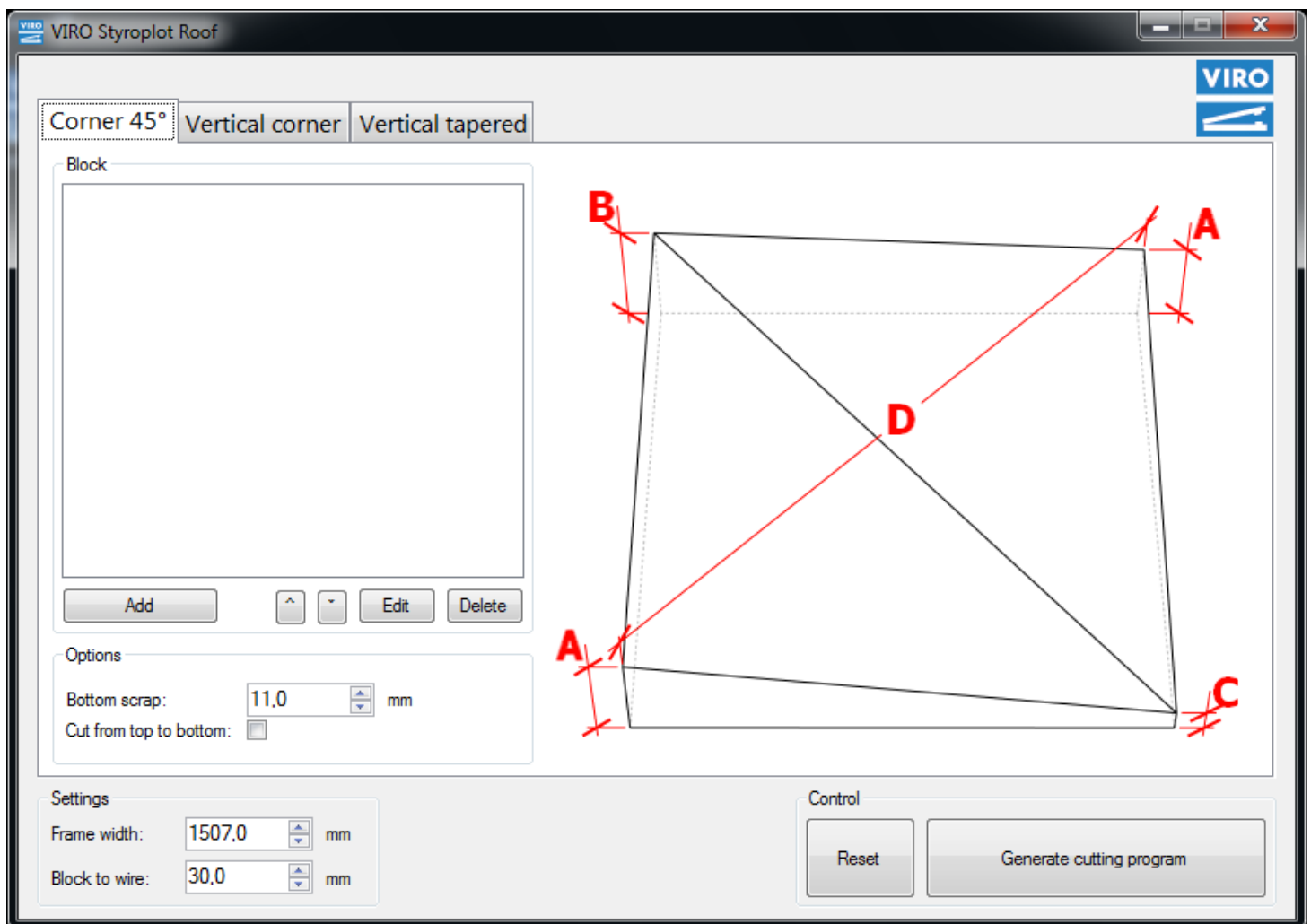
Corner sheet - valley



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### TAPERED ROOF – CORNER „VALLEY“ SHEET

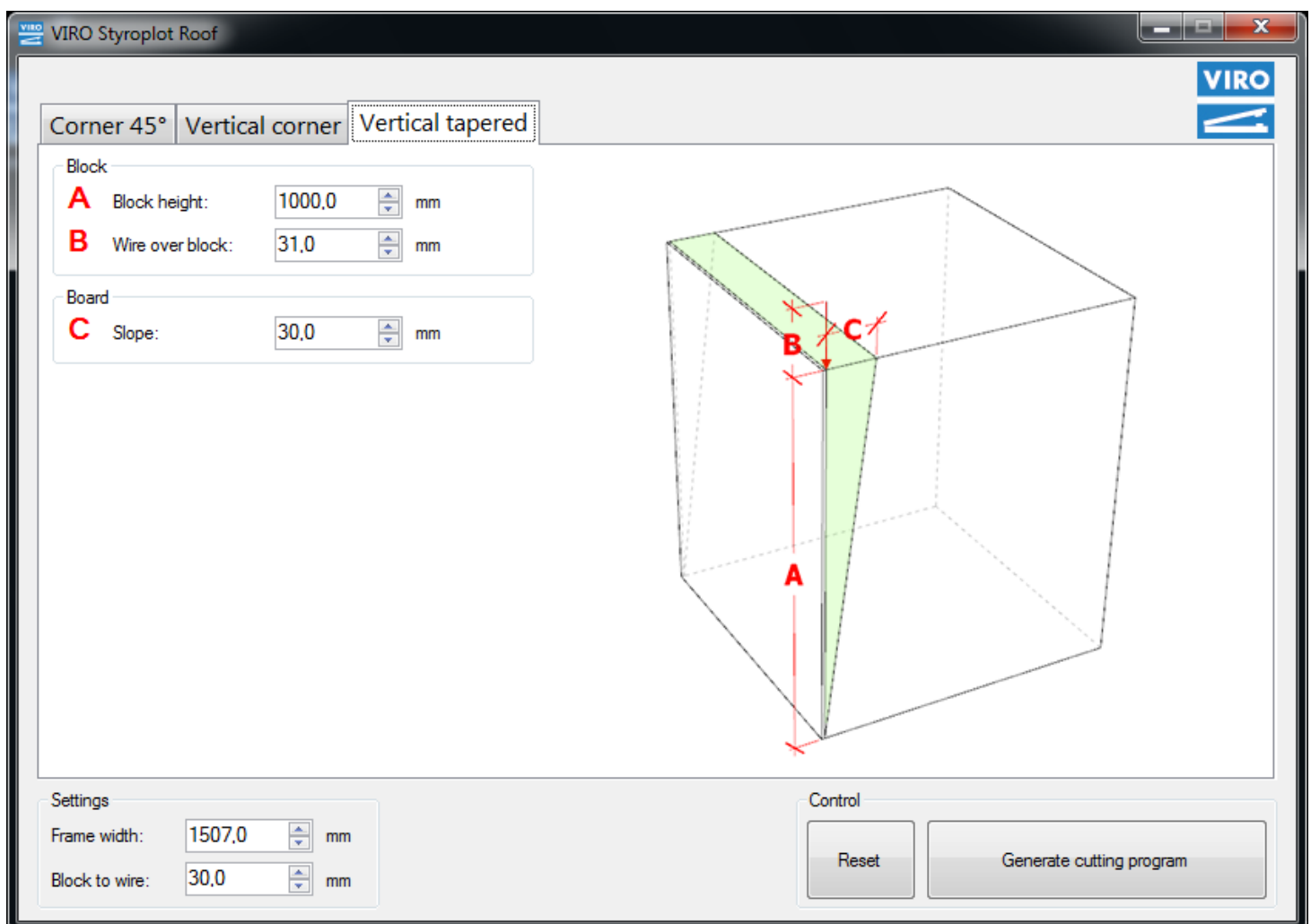


**FLAT TYPE - CUTTING WITH MULTIPLE WIRES**  
**KERVE TYPE - ONE CUTTING WIRE ONLY**

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### TAPERED ROOF SHEET – VERTICAL ORIENTATION

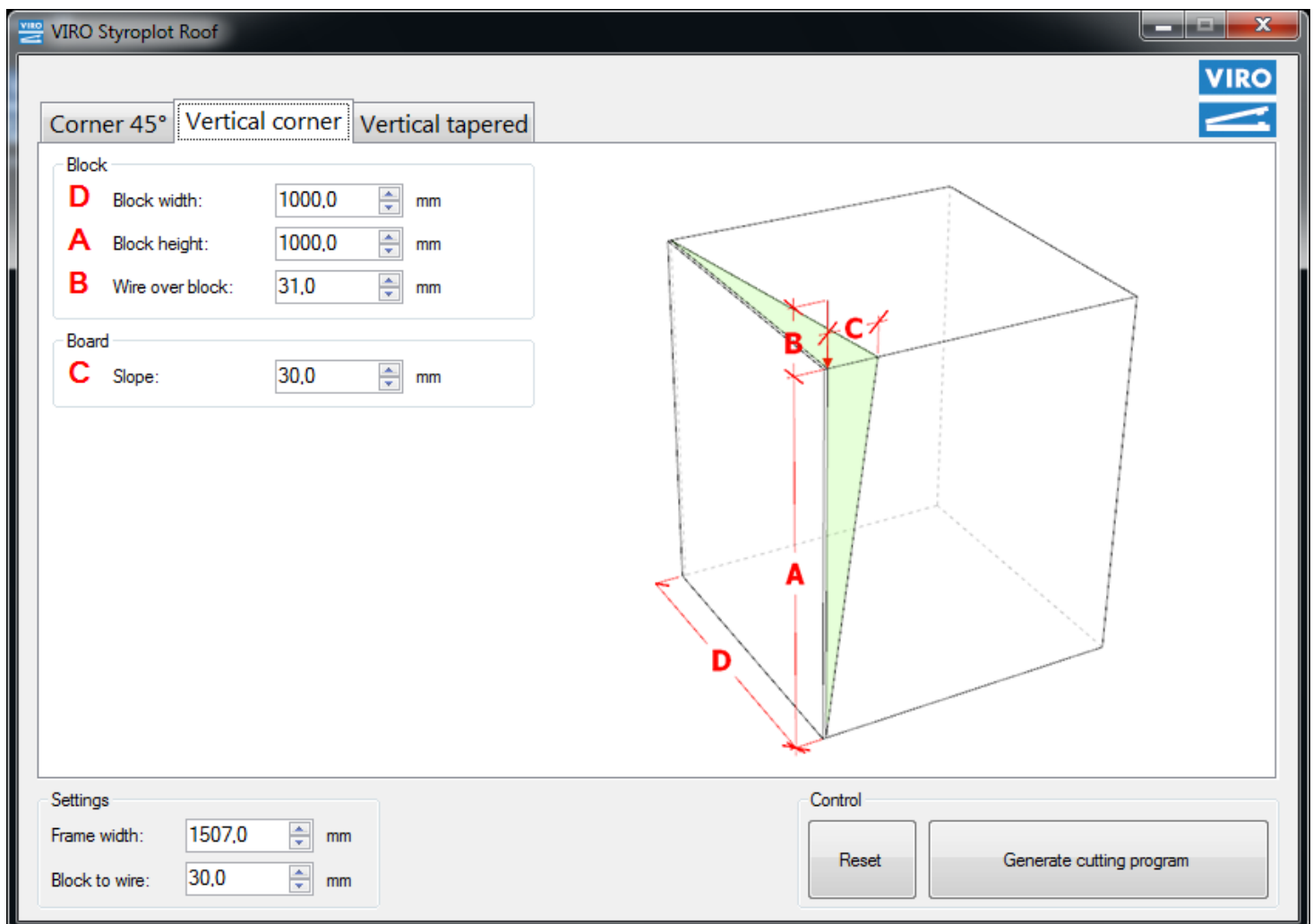


**CUTTING WITH MULTIPLE WIRES**  
**NO „DROPPING“ OF SHEETS DUE TO BURN-OFF**

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flat-roof products

### CORNER „VALLEY“ SHEET - VERTICAL ORIENTATION



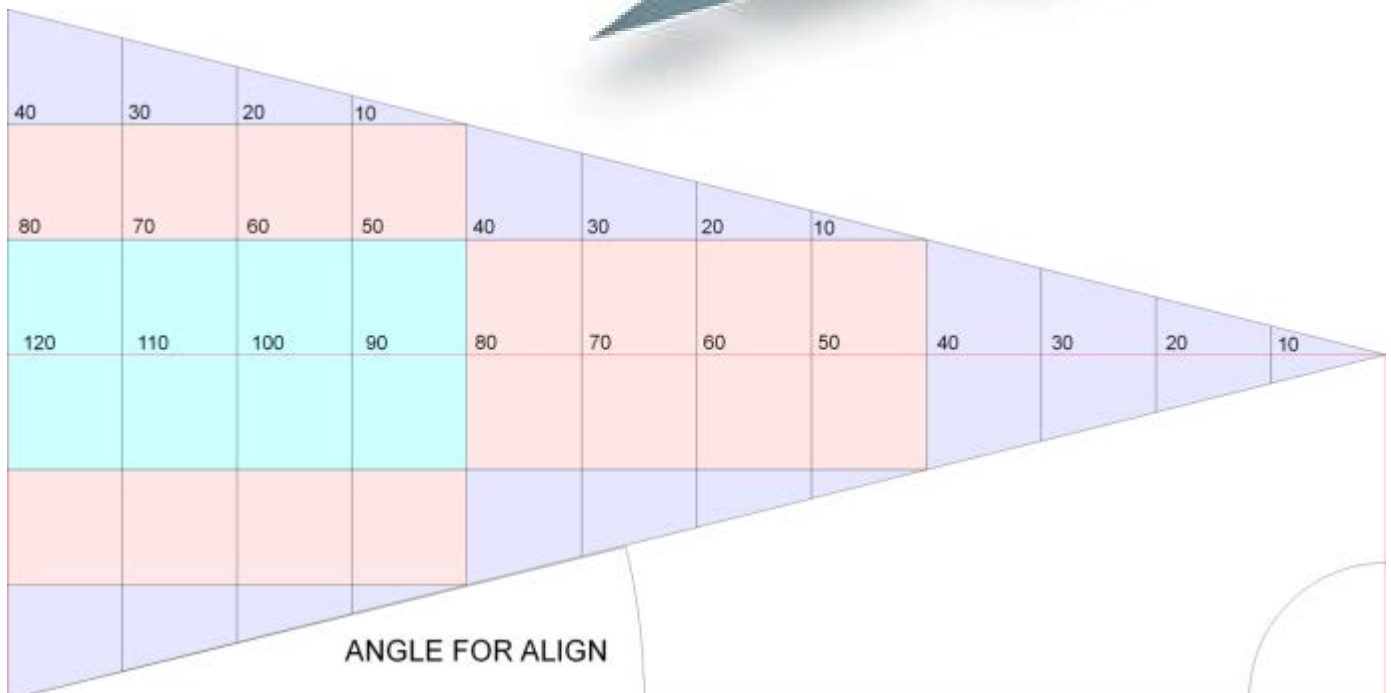
**CUTTING WITH MULTIPLE WIRES**  
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### ROOF SADDLE

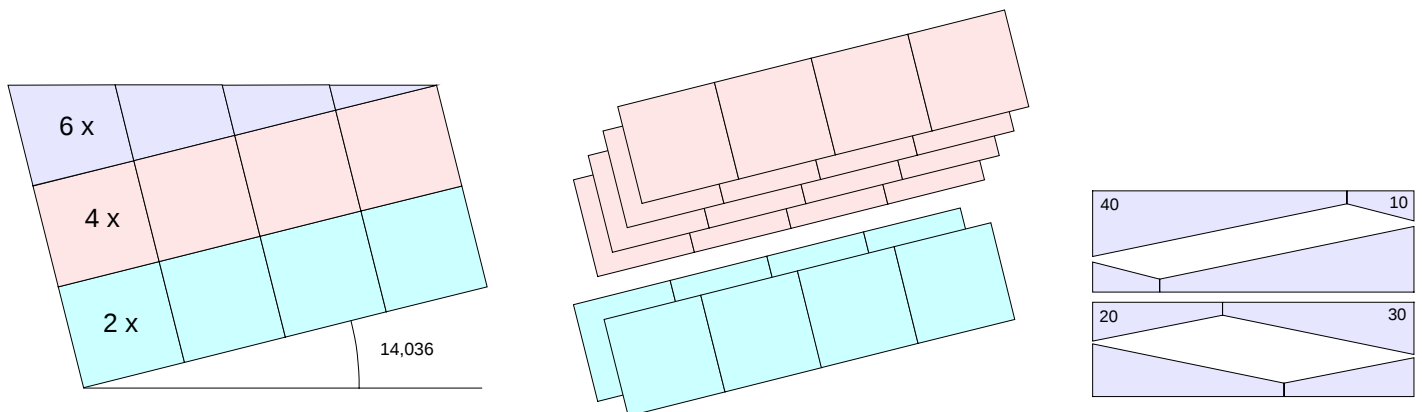
- o Simply edit LENGTH and WIDTH of saddle
- o set the block align to required angle
- o Software automatically generates the cutting path
- o for one wire to cut the complete set of sheets
- o Use multiple wires and vertical cutting orientation
- o for cutting multiple pieces of one type of sheet



### COMPILE COMPLETE SET OF SHEETS CUT WITH ONE WIRE

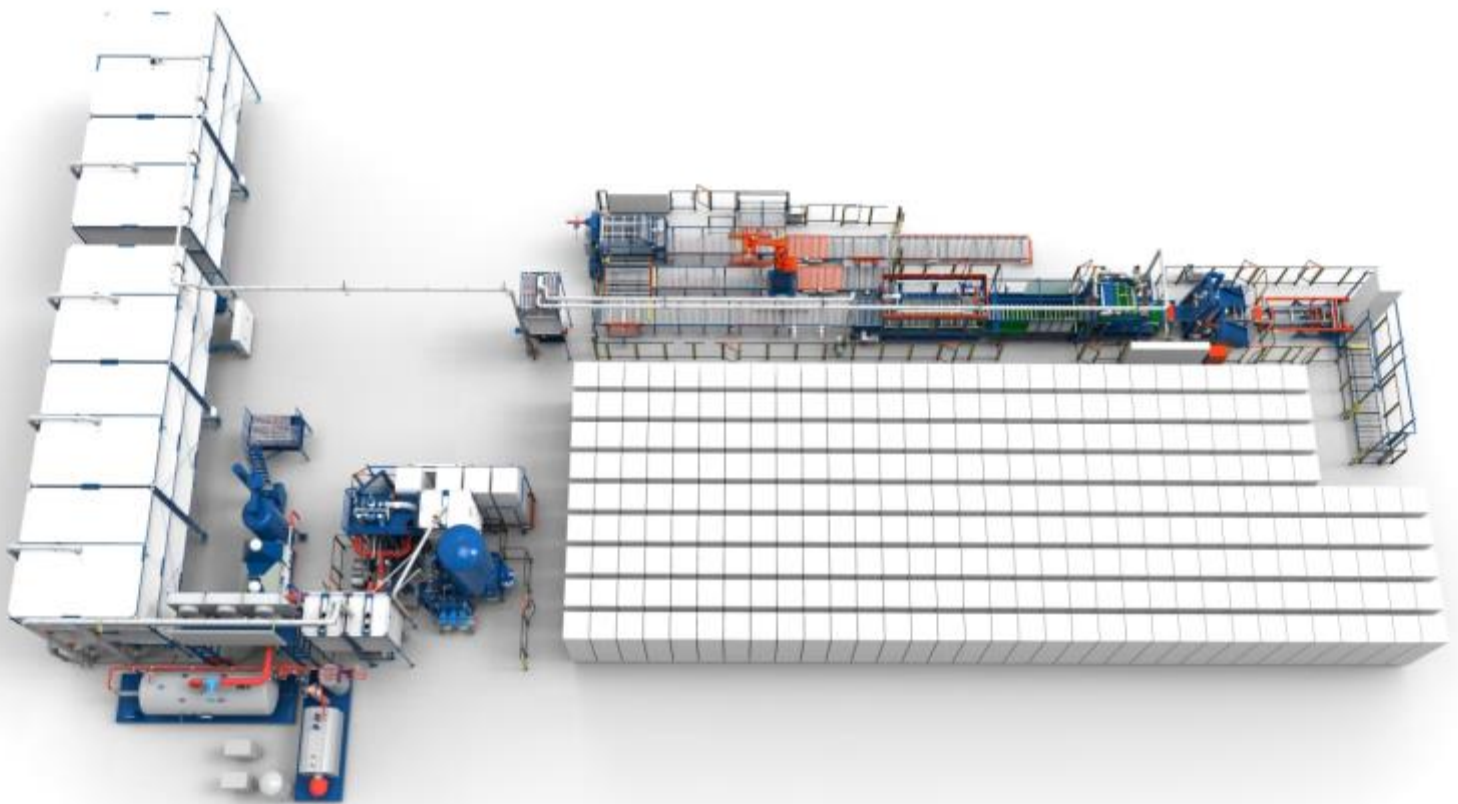
## Four (4) axis foamcutter with convertible frame flat-roof products

3:1



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### AUTOMATIC EPS PRODUCTION PLANTS



### VIRO turnkey plants at a glance:

- o High productivity by optimum plant logistics
- o Low production and life cycle costs with high quality equipment and utilities
- o Fast return on investment due to integrated project time schedules
- o Equipment with the required peripherals
- o Systems for fully automated operation
- o On-site commissioning and training of operator personnel
- o All from a single supplier with a defined contact point.



## CONTACT

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