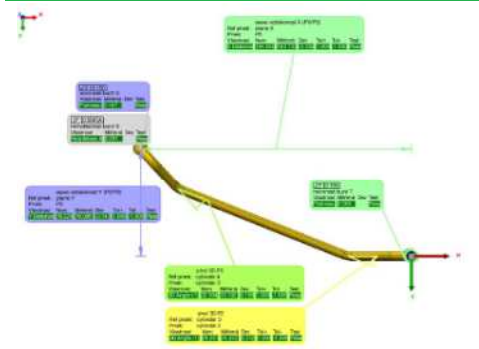
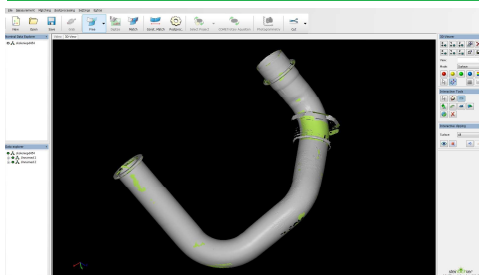


APPLICATION  
+ SUCCESS  
INFORMATION



**SYSTEM/  
APPLICATION**

STEINBICHLER COMET 5, 1.4M,  
FOV200 Rotary, tilt axis, measurement  
table  
Surface 3D digitizing

**INDUSTRY**

Metal industry

**CUSTOMER**

Vaillant Industrial Slovakia, s.r.o.

**TASK**

Vaillant company is producer of gas boilers, solar systems, heat pumps and regulation technologies and so there is presence of different types of segments in their product line that need to be measured. The objective in this project was to perform automatic measurement of copper pipes right in the manufacture within various state of production, e.g. after its bending and shaping.

**STEINBICHLER SOLUTION AND PRODUCT**

Steinbichler COMET5 Sensor is very suitable for automatic object positioning when it is equipped with rotary table. Sensor can be placed on measurement table, where horizontal and vertical movements of the sensor head with motorized tilt axis is allowed.

**RESULT/ CUSTOMER BENEFITS**

Customer requirements in this project was to get faster and fully automatized measurements, evaluations and reports of various copper pipes. The completion and solution of this task was facilitated by the Comet 5 1.4M sensor with COMET Rotary table fixed on measurement table. It's flexible properties make digitizing quicker and more efficient without operator's assistance. This solution gives customer complex information about each pipe that can be used for monitoring manufacturing process and adjustments to it. System is connected to Q-DAS interface and some basic parameters of pipes are displayed online on customer's system of monitors around the entire factory.

System can measure many different pipe types, without any need for expensive stands and fixtures.

Customer's statement:

"The Comet 3D automated measurement system is quick,