

**BERTSCH**energy

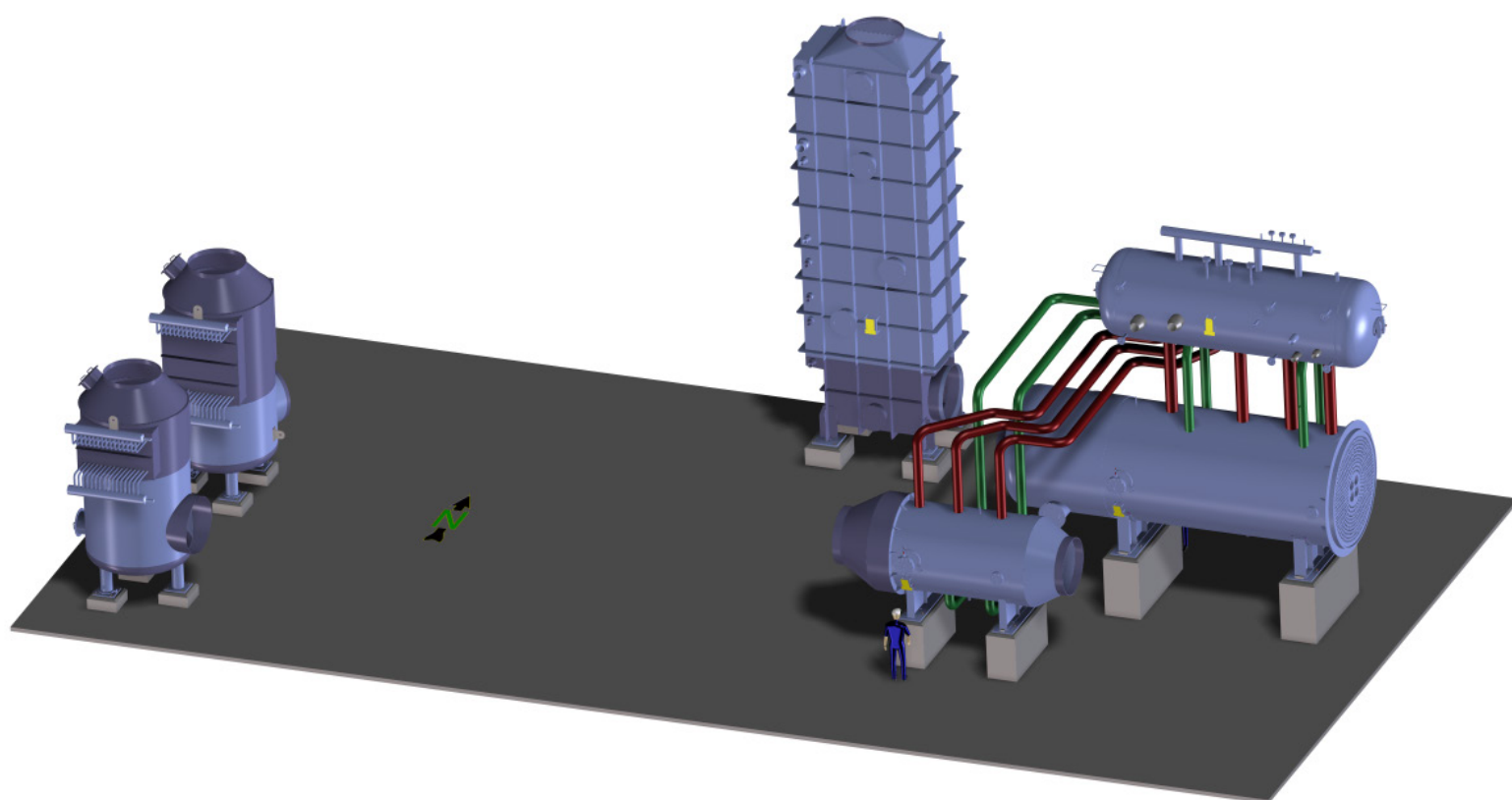
Power Plants  
Process Equipment

95  
YEARS

TRADITION  
QUALITY  
KNOW-HOW  
SINCE 1925

# Complete process gas cooler system for sulfuric acid production plant

Reference Sheet



**BERTSCH**

TRADITION, QUALITY, KNOW-HOW. SINCE 1925.

## » Complete process gas cooler system for sulfuric acid production plant «

Belarus | Delivery date: 06/2019

New sulfuric acid plants have to be equipped with compact and reliable equipment at reasonable costs. As an example the BERTSCH internal downcomer system (avoiding a high amount of internal piping between evaporators and steam drums) is one key for us to be preferred supplier of steam production systems for sulfuric acid or sulfur recovery plants.

We offer among our technical detail finesses complete heat engineering responsibility, detail calculations and workshop drawings, manufacturing in own certified workshop and acceptance procedures with notified bodies for European design codes, ASME I & VIII Div.1 + necessary stamps and custom union regulations.

### TECHNICAL DATA

» Process gas flow max.	224,000 kg/h
» Max. gas inlet temperature	1,200 °C
» Max. gas inlet pressure	0.35 barg
» Max. heat duty	28 MW
» Max steam pressure	43 barg
» Max. steam production	36.30 t/h

### SCOPE OF SUPPLY

» Fire tube boilers
» Water tube superheater
» Economiser
» Auxiliaries

