

engineering - industrial services

## Industrial services + engineering

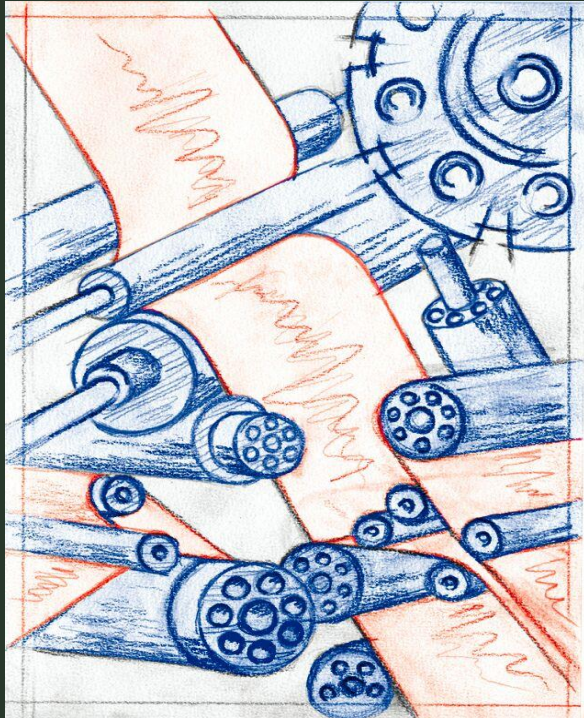


Rollers + cylinders

Sheet metal technology + apparatus construction

Continues processes + automation

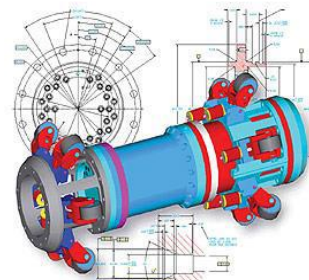
Bernie Meier and his team have been operating in the industrial environment of plant engineering for more than 40 years and especially in the area of coating machines for paper, film and nonwoven products.



BMG designs, builds and repairs parts from your systems as well as supplies replacement components. We are on site and guarantee the original production or even an improved version

In any case, the most important service component is that we bring with us the experience and knowledge needed to optimize, repair or procure replacement parts.

### New construction and R & D



After the technical meeting with the customer, the solution is recorded and postponed Agreement with the customer implemented and produced.



### Technical analyzes + inventory on site



In case of production problems or in case of optimization, the BMG technicians go on site and solve the customers problem

Technical interpretations / calculations are executed and recorded depending on the process

$$Q/A = K(T_{\text{SURFACE}} - T_{\text{DEPTH}}) / \text{EQUV}_L$$

where:

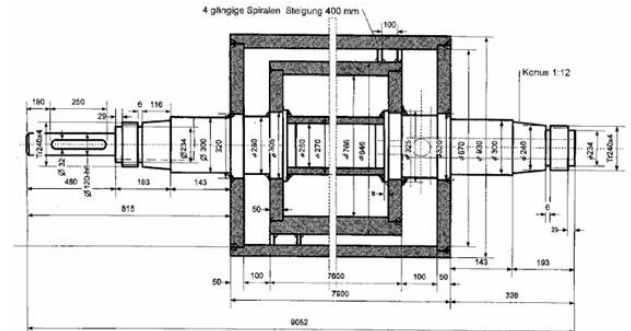
Q/A = Heat Flow or Heat Flux  
BTU/Hr-ft<sup>2</sup>

K = Thermal Conductivity of the  
Meter Material  
BTU-in/ft<sup>2</sup>-hr-F.

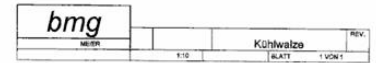
T<sub>SURFACE</sub> = Surface Thermocouple  
Temperature. F.

T<sub>DEPTH</sub> = Depth Thermocouple  
Temperature. F.

EQUV<sub>L</sub> = Equivalent Thickness  
between Surface and  
Depth Thermocouples. Inch



Wasser durchfluss 110 m3/h Druck an der Walze min 4 bar



From CAD directly to the machinery

The customer's idea or a new design are visualized with a guaranteed by the BMG team layout and presented to the customer. If one agrees, the parts are manufactured in one of the BMG factories or a partner company. Quality assurance is

### From design to completion



### Turning | welding – control check





Engineering

+ Industrial Services

Meier Sen. + Jun. are entrepreneurs from the industrial sector. Rollers - paper foils and coating processes are their profession. The BMG team is highly networked in the industry and is solution-oriented .

If necessary BMG offers technical training and other trainings on request



BMG works together with selected contractors from the manufacturing, coating and engineering sectors. The plants are located in Switzerland, Germany, Italy, France, Slovakia and the Netherlands.



We are always available and are happy to answer your questions.

Also in German or French



TüV, ASME, GOST, PED u. Stoomwezen certified plants are under contract by BMG and controlled

Tel: +41 71 920 01 02

Mobil: +41 79 437 66 94

Email: [welcome@berniemeier.com](mailto:welcome@berniemeier.com)

[www.berniemeier.com](http://www.berniemeier.com)

