# Heat requirement calculation – that's part of our service!

We offer you our computer-aided calculation for effective and efficient planning for heating your container or treatment equipment. The result enables you to choose the optimum heating solution for your needs and will help you to plan cost-effectively.

## 1. Sender

Customer code: _____ Date: _____

Company: _____

Name: _____

Street: _____

State/Postcode/Town: _____ _____ _____

Telephone: _____

eMail: _____

## 2. Treatment

Process liquid:

_____

Chemical composition:

_____

pH value: _____ Concentration (%) _____

**Please add for the material selection:**

◯ Safety data sheet ◯ Technical data sheet

## 3. Tank

Material: _____

Side thickness tank (mm): _____

Insulation: ◯ yes ◯ no

Insulation material: _____

Insulation thickness (mm): _____

Place of installation: ◯ indoors ◯ outside

Fume extraction (m/s): ◯ yes _____ ◯ no

Lid (%) ◯ yes _____ ◯ no

**Tank dimensions in mm (clear values):**

Lenght: _____ Width: _____ Height: _____

Diameter: _____ Height: _____

Storage Tank: ◯ horizontal ◯ vertical ◯ no

Liquid level (mm): min: _____ max: _____

## 4. Temperature

Ambient temperature (°C):

_____

Working temperature (°C):

_____

Required heating up time (h):

_____

## 5. Process

Material to be treated:

_____

Weight per hour (kg/h):

_____

## 6. Electrical data and Installation

Supply voltage (V): _____

◯ 1-Phase-AC ◯ 3-Phase-AC

Anti-Burn-System: ◯ yes ◯ no

Arrangement in Tank: ◯ vertical ◯ horizontal

Fixing: ◯ flanged ◯ screwed ◯ welded

## 7. Monitoring equipment

☐ Temperature limiter

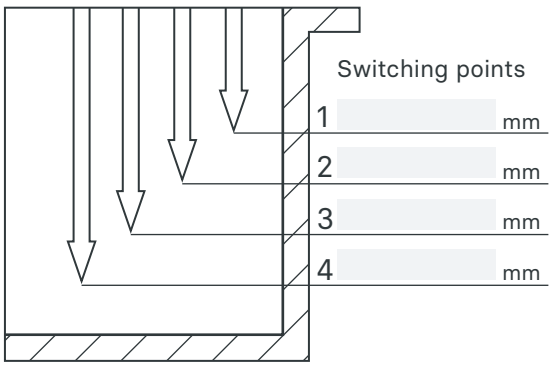
☐ Level control (Dry-running protection)

## 8. Control equipment

☐ Temperature controller No. of set points: ◯ 1 ◯ 2

☐ Level controller No. of switching points: ◯ 1 ◯ 2 ◯ 3 ◯ 4

**Enter switching points here:**

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FOR THE METAL FINISHING INDUSTRY

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