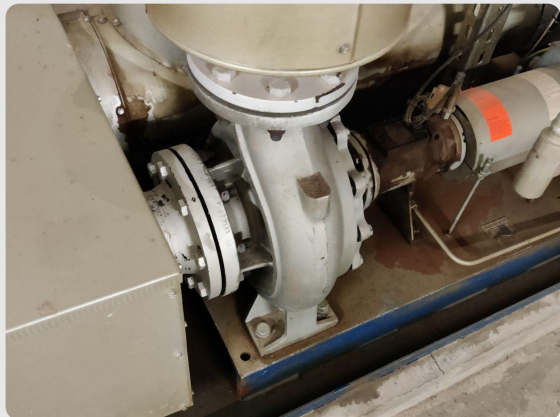
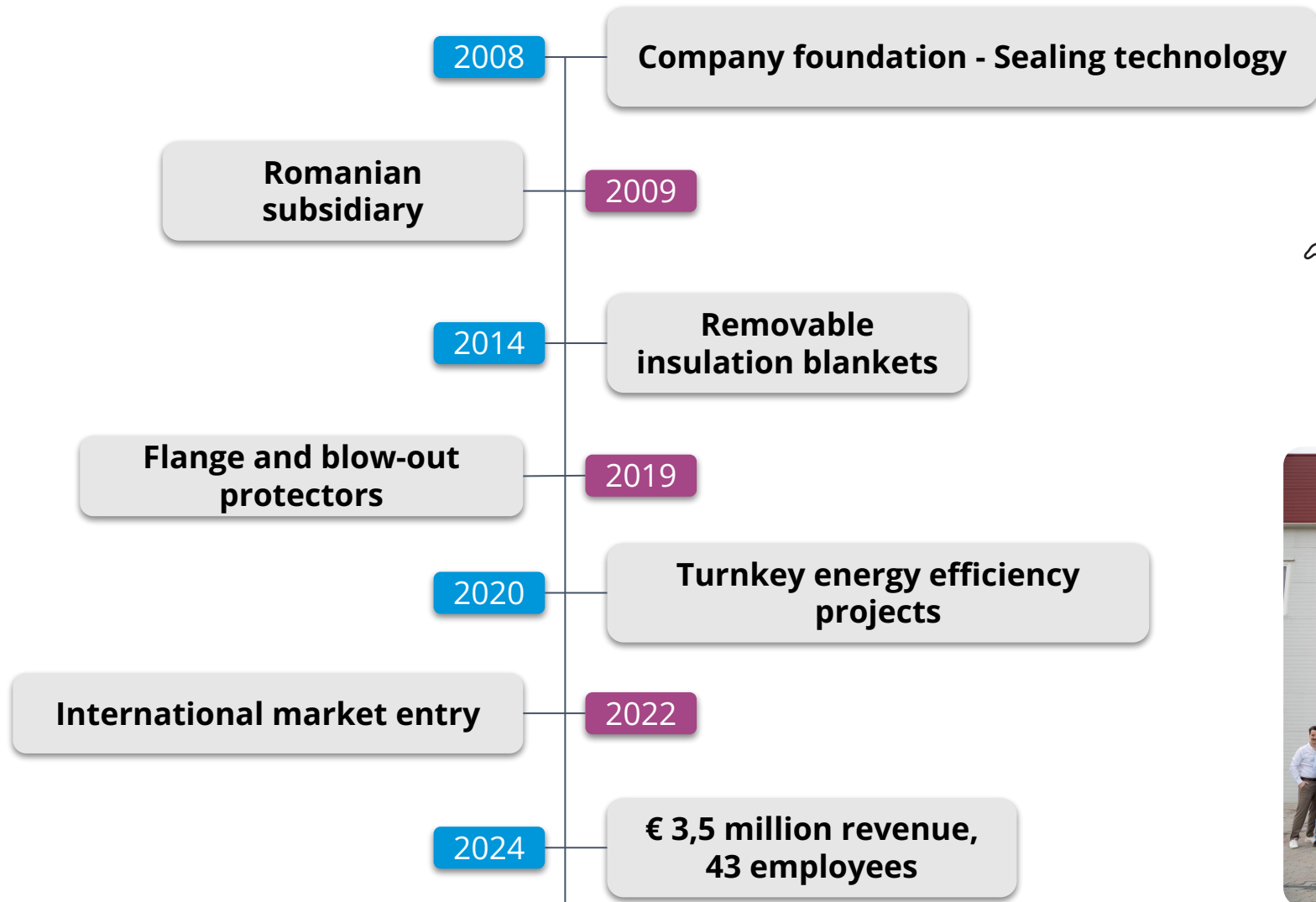


# Energy efficiency projects

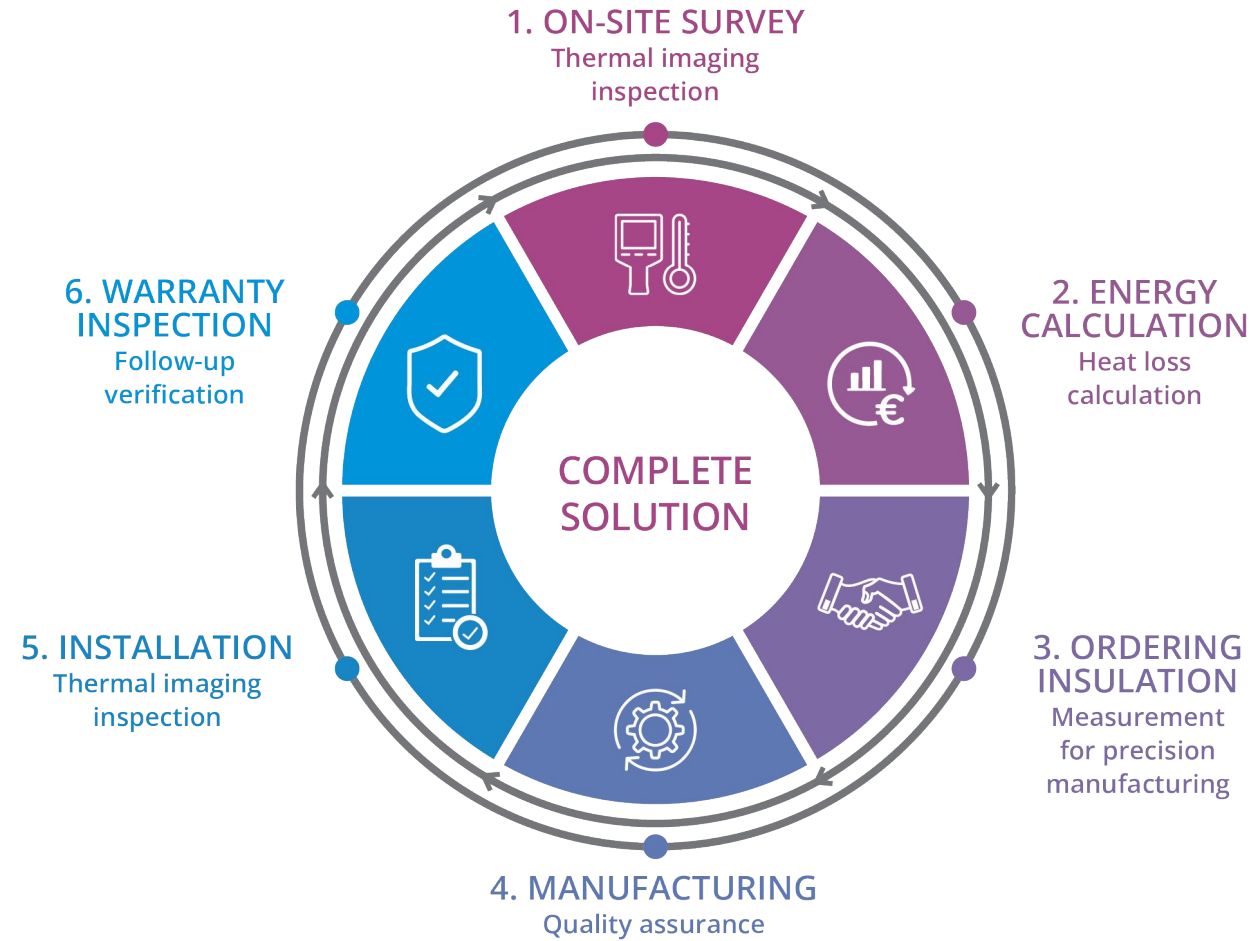
## Wood industry



# Dynoteq Ltd.



# Complete insulation solution



# Where DynoFlex<sup>®</sup> removable insulation blankets are already in use:





# What system components can insulation blankets be used on?

Valves



Heat exchanger



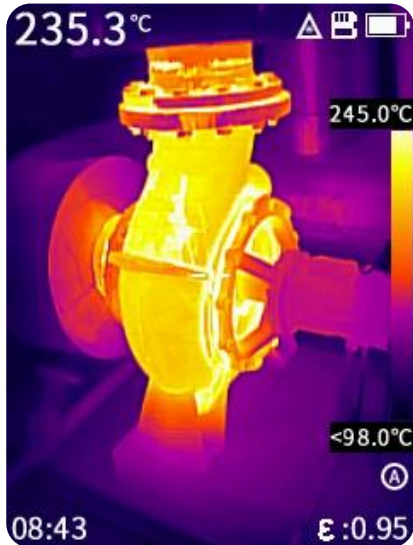
Pump



Steam boiler



# Wood industry equipments and temperatures



## Equipments

## Temperatures

Laminating press → 70 - 130 °C

Painter → 70 - 90 °C

Press → 90 - 270 °C

Adhesive mixer → 80 - 130 °C

Lumber dryer → 70 - 110 °C

Kiln → 70 - 200 °C



# DynoFlex<sup>®</sup> DMT300-H-EG25 structure

## Technical textile

PTFE-impregnated, water-, heat- and chemical-resistant, washable coating

## Unique identifier

Every insulation has a unique identification label

## Sewing

With PTFE heat-resistant thread

## E-glass fiber blanket

Mechanically needled, 100% E-glass fiber



- Simple velcro fastening
- Easy removal and reassembly
- For surfaces up to 300 °C



# DynoFlex<sup>®</sup> DMT300-EX-EG25 structure





# DynoFlex<sup>®</sup> DLT250-S-EG25 structure

## Technical textile

Impregnated, water-, heat- and UV-resistant coating, easy cleaning

## Unique identifier

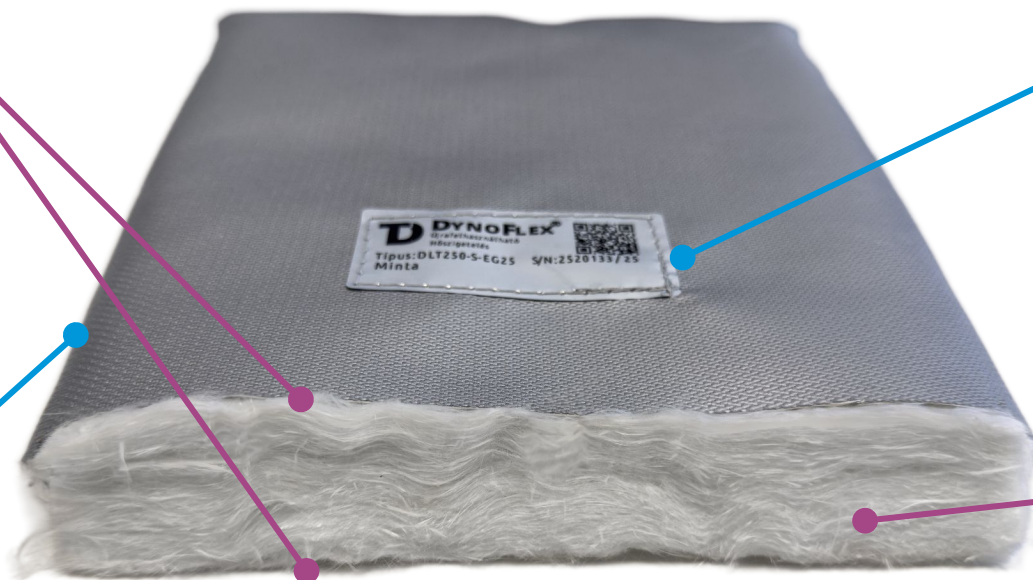
Every insulation has a unique identification label

## Sewing

With para-aramid heat-resistant thread

## E-glass fiber blanket

Mechanically needled, 100% E-glass fiber



- Simple velcro fastening
- Easy removal and reassembly
- For surfaces up to 250 °C

# Sample project - Eastern Hungary

Investment cost

€ 54 000

Payback

4 months

Savings

Energy - 16 555 GJ/year

CO<sub>2</sub> - 1357.6 t/year

Natural gas - 486 926 m<sup>3</sup>/year

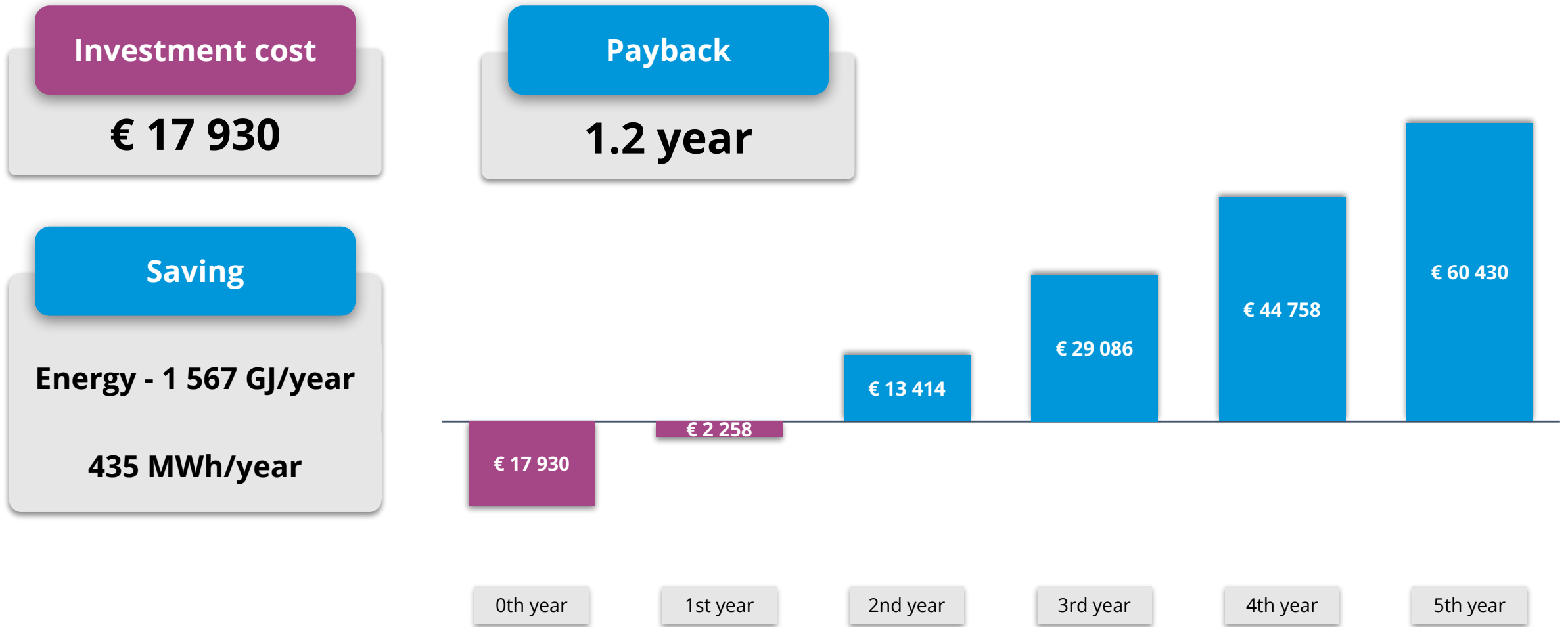


Operating hours: 300 - 8 250 h

Energy cost: 10 €/GJ

Surface temperatures: 110 - 280 °C

# Sample project - Western Hungary



Operating hours: 6 570 h

Energy cost: 10 €/GJ

Surface temperatures: 25 - 210 °C

# Sample project - Western Hungary



Operating hours: 8 760 h

Energy cost: 13 €/GJ

Surface temperatures: 10 - 215 °C

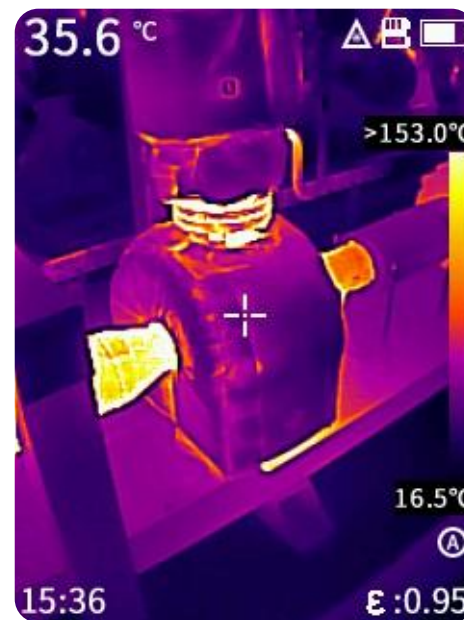
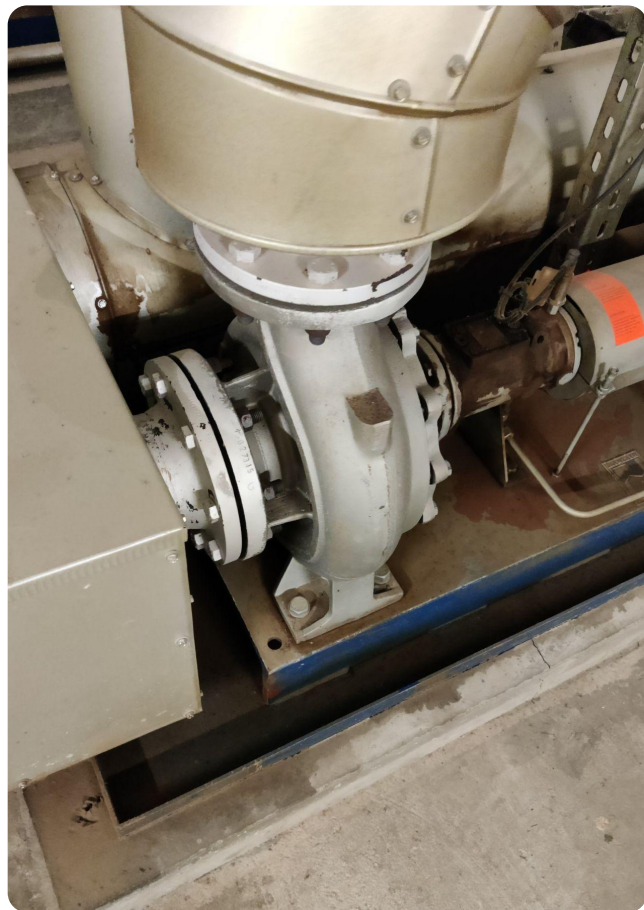


# Insulated surfaces

235 °C

36 °C

**Thermal oil pump**  
DMT300-H-EG25





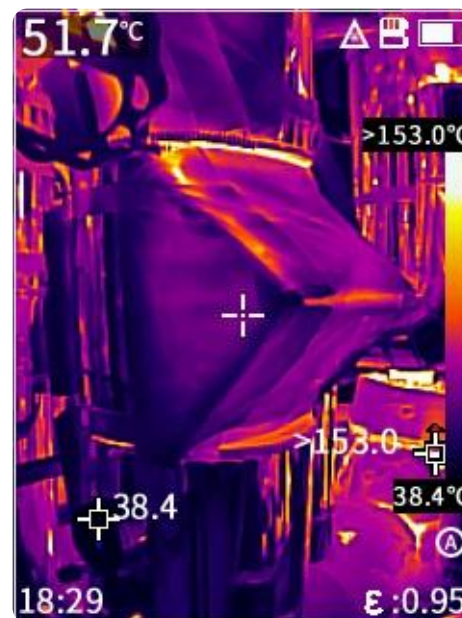
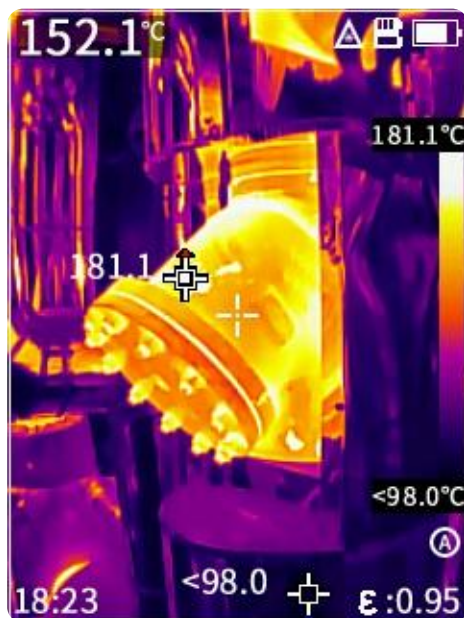
# Insulated surfaces

181 °C

51 °C

# Welded strainer

## DMT300-H-EG25



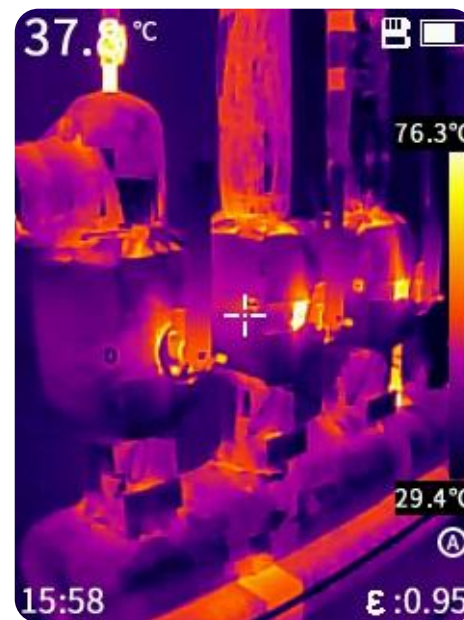
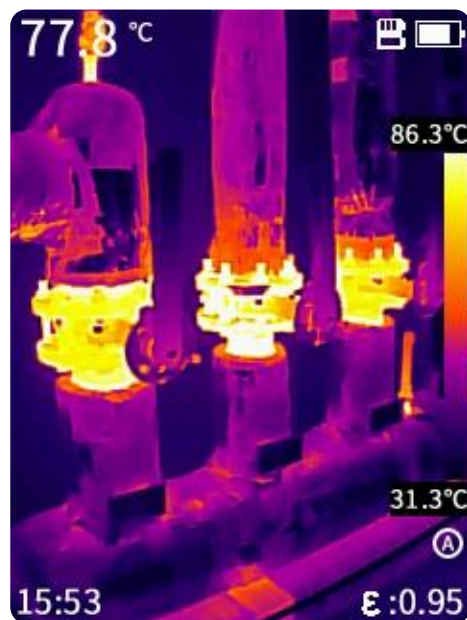


# Insulated surfaces

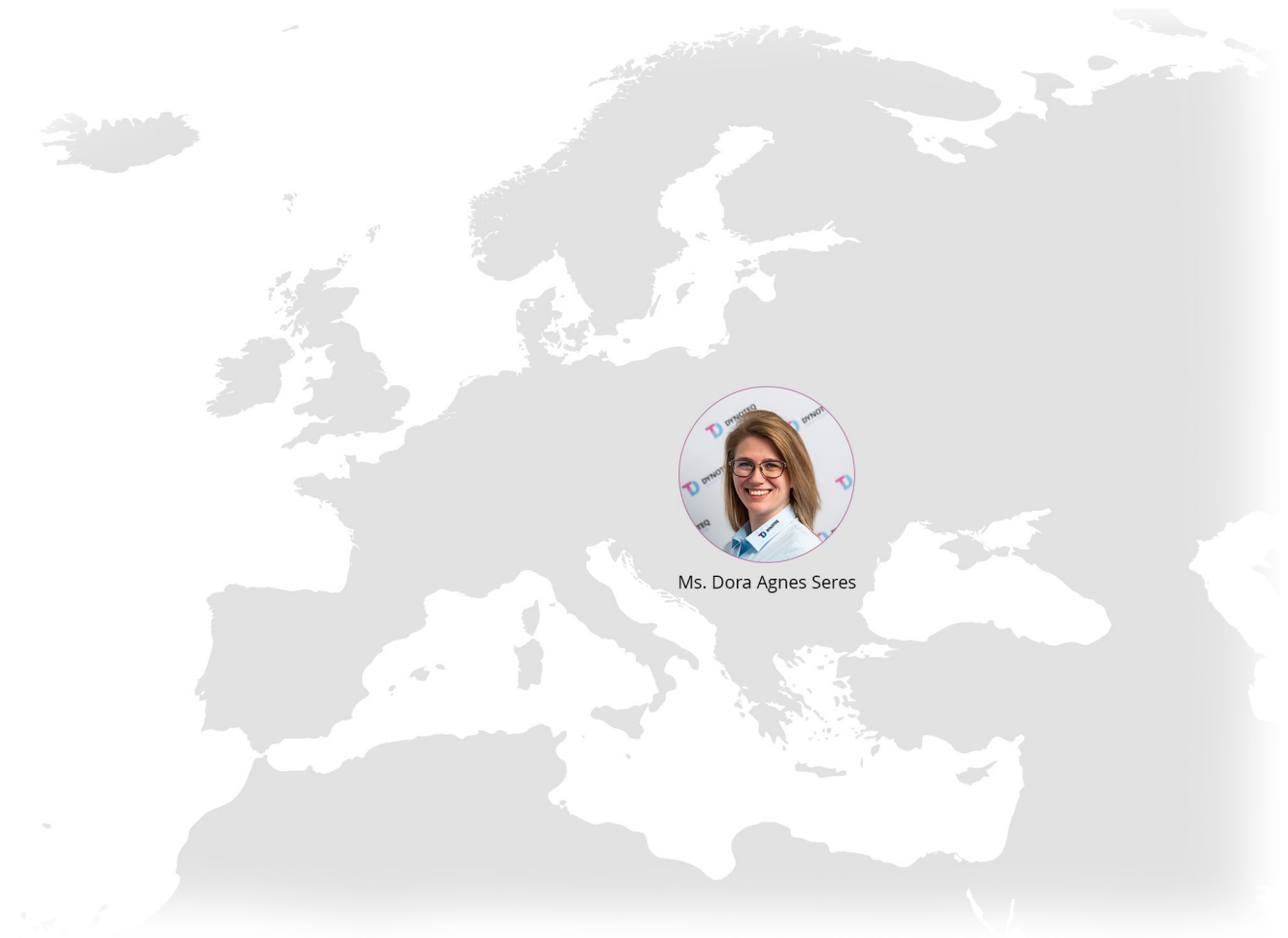
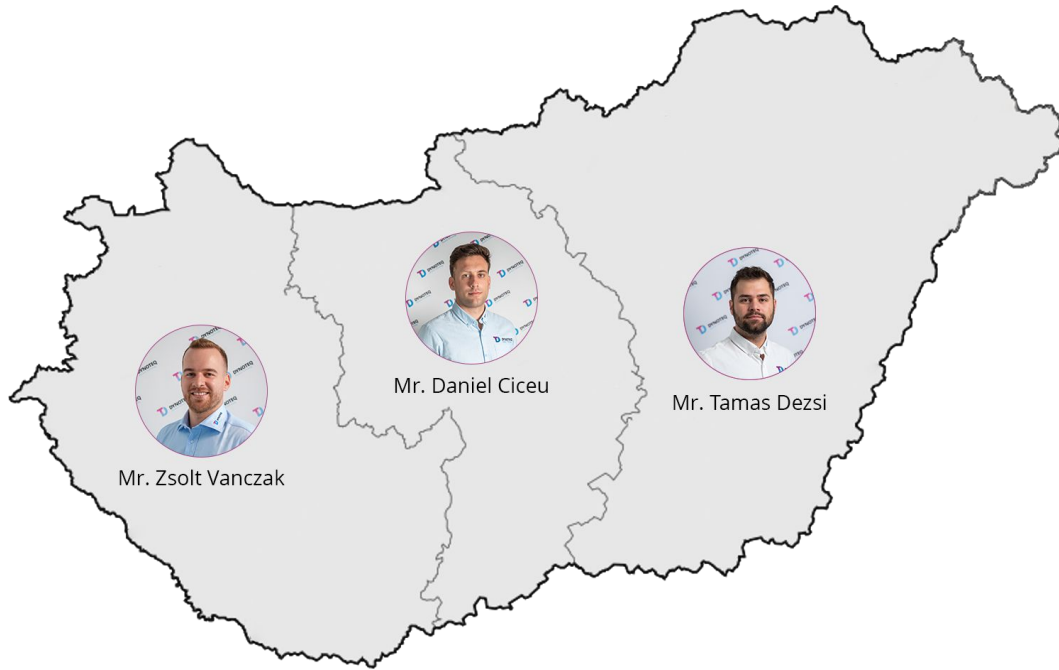
86 °C

37 °C

## Hot water manifold DLT250-S-EG25



# Our sales engineers



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