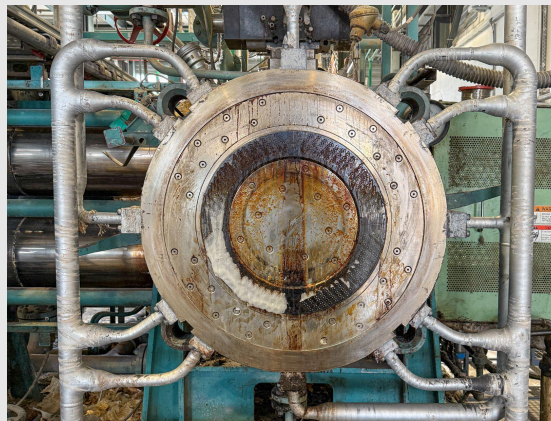
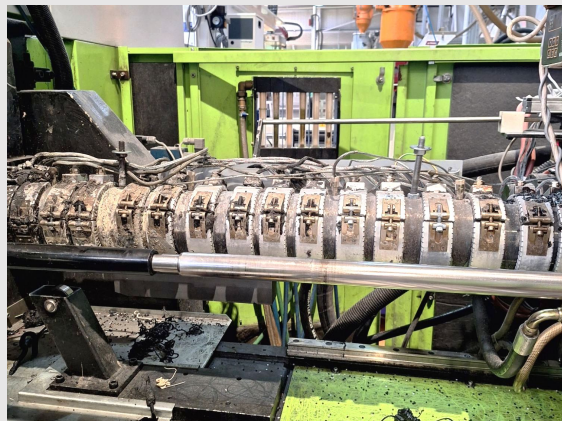
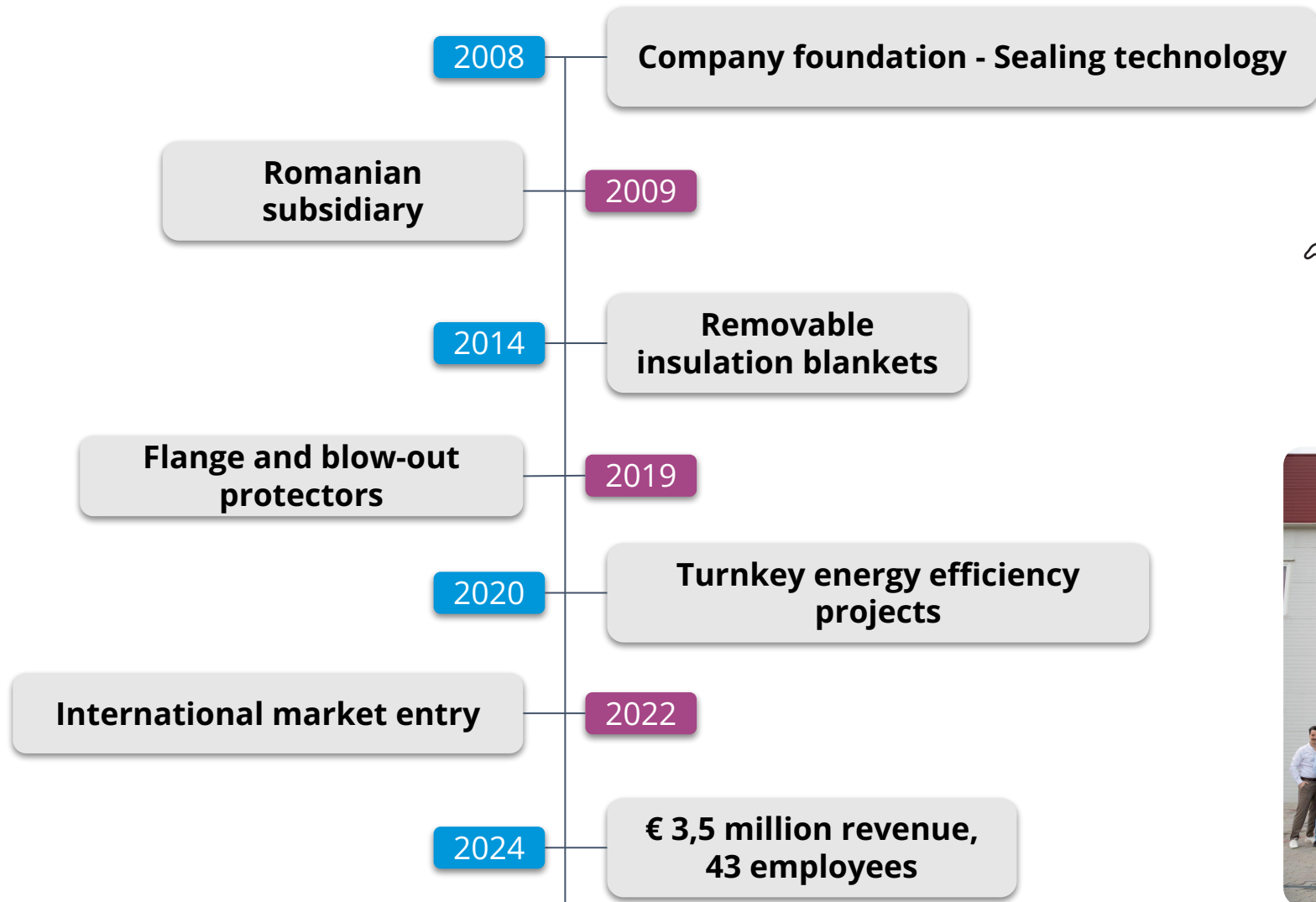


Energy efficiency projects

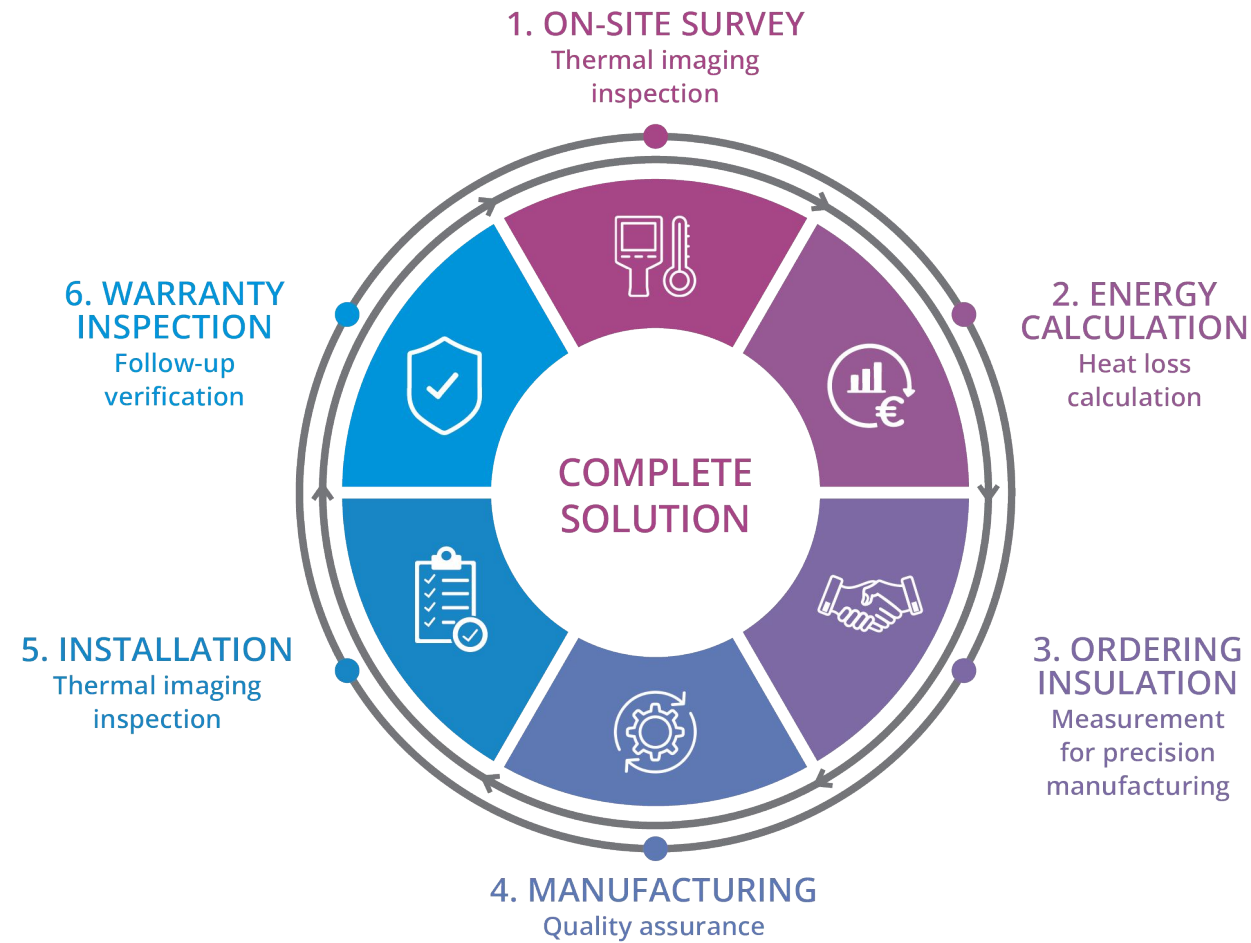
Polymer industry



Dynoteq Ltd.



Complete insulation solution

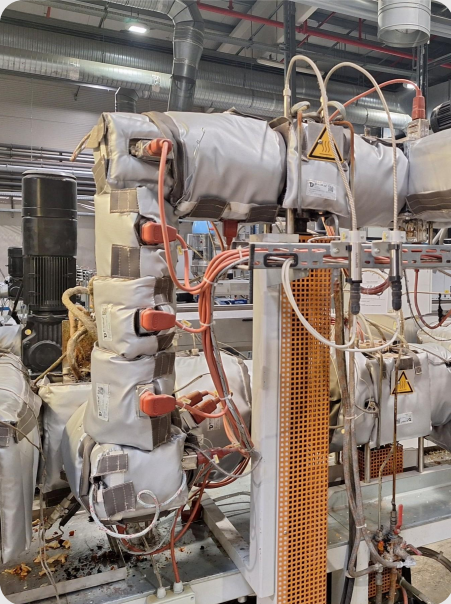


Where DynoFlex[®] removable insulation blankets are already in use:



What system components can insulation blankets be used on?

Extruder



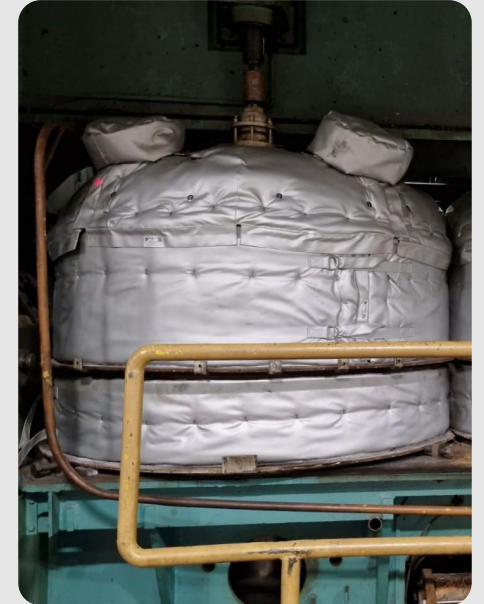
**Injection
mould**



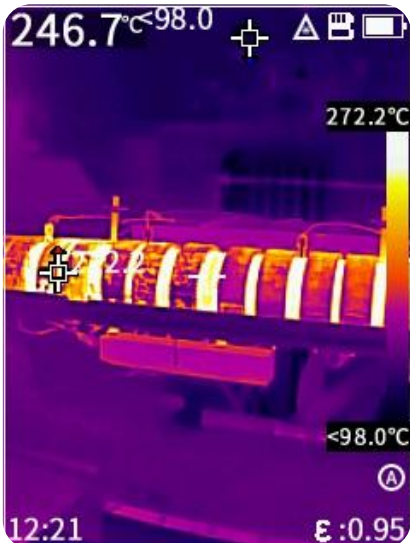
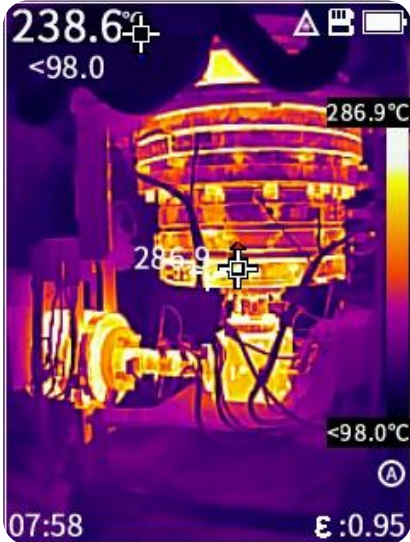
**Film
blowing**



Vulcanizer



Polymer industry equipments and temperatures



Equipments

Extruder

Injection mould

Film blowing

Vulcanizer

Mould tool

Steam valve

Temperatures

110 - 250 °C

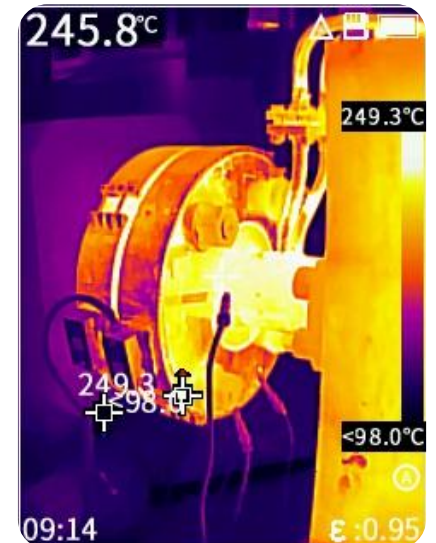
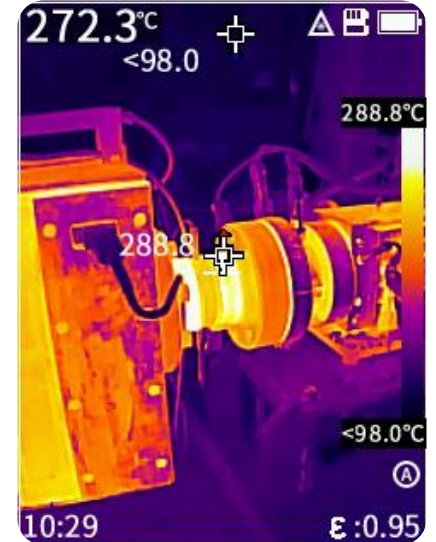
110 - 250 °C

110 - 200 °C

75 - 180 °C

70 - 110 °C

95 - 180 °C



DynoFlex[®] DHT550-SWS-EG25 structure

Cold-side coating

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

Sewing

With para-aramid heat-resistant thread

Hot-side coating

550 °C resistant, impregnated E-glass fiber fabric

Unique identifier

Every insulation has a unique identification label

E-glass fiber blanket

Mechanically needled, 100% E-glass fiber

- D-ring or aramid velcro fastening
- Easy removal and reassembly
- For surfaces up to 550 °C

DynoFlex[®] DLT250-S-EG25 structure

Technical textile

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

Unique identifier

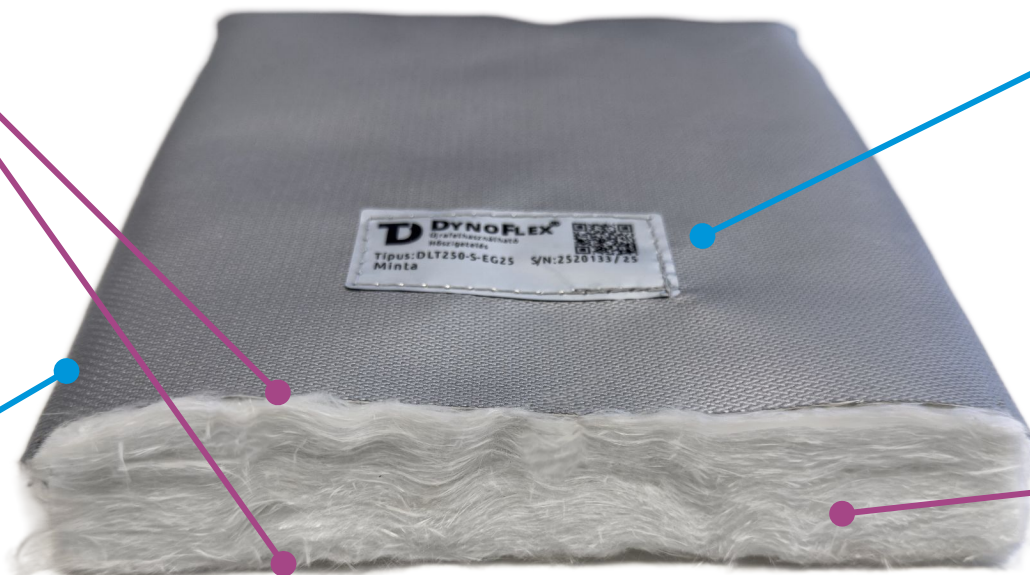
Every insulation has a unique identification label

Sewing

With para-aramid heat-resistant thread

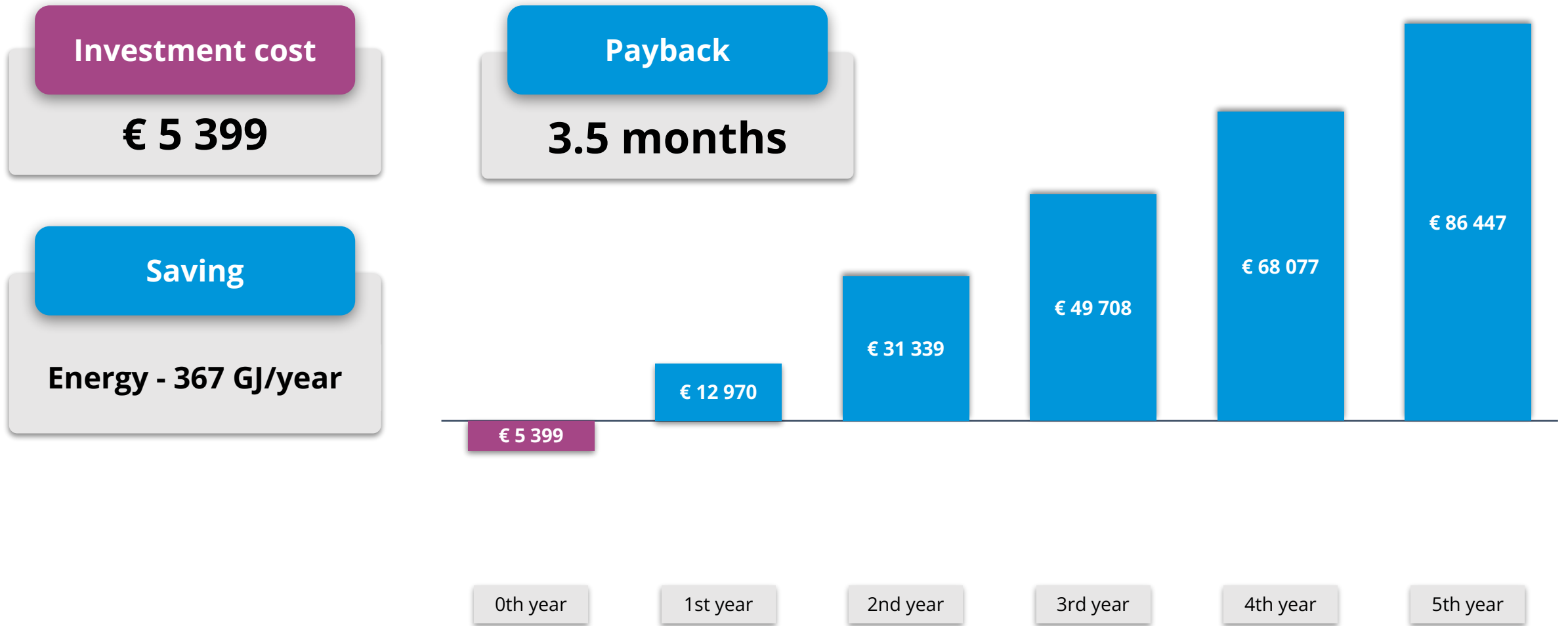
E-glass fiber blanket

Mechanically needled, 100% E-glass fiber



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

Sample project - Injection moulding plant



Operating hours: 5 110 - 8 400 h

Energy cost: 50 €/GJ

Surface temperatures: 70 - 180 °C

Sample project - Film production plant



Operating hours: 5 110 - 8 400 h

Energy cost:
Gas: 13 €/GJ
Electricity: 78 €/GJ

Surface temperatures: 70 - 185 °C

Sample project - Tire manufacturer

Investment cost

€ 36 240

Payback

10.2 months

Savings

Energy - 3 404 GJ/year

CO₂ - 187.2 t/year

Natural gas - 100 109 m³/year



Operating hours: 5 000 - 8 200 h

Energy cost: 12,5 €/GJ

Surface temperatures: 75 - 180 °C

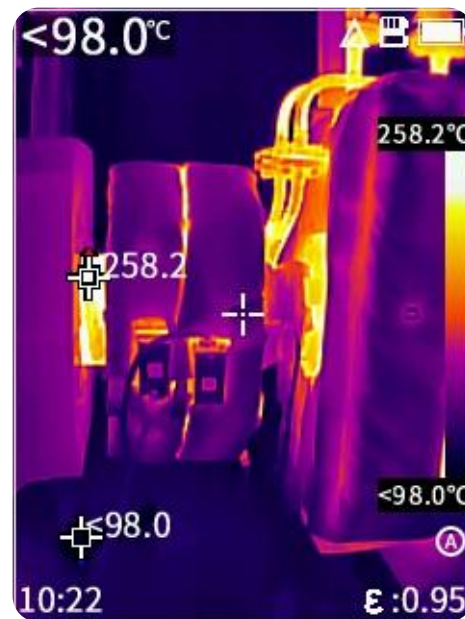
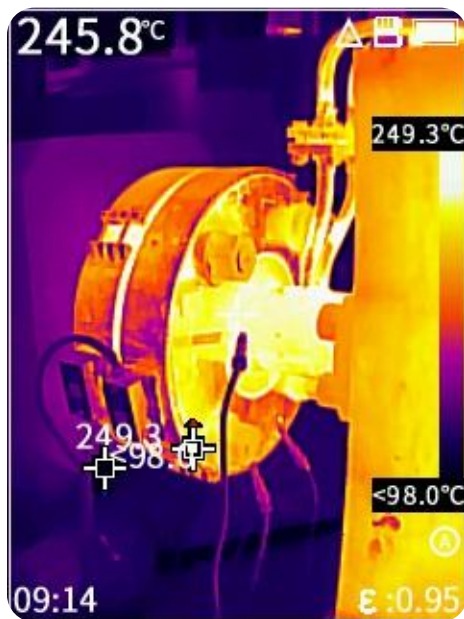
Insulated surfaces

245 °C

62 °C



Extruder
DHT550-SWS-EG25



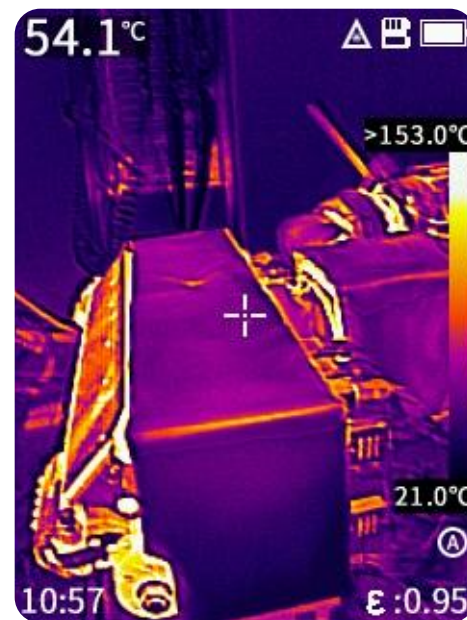
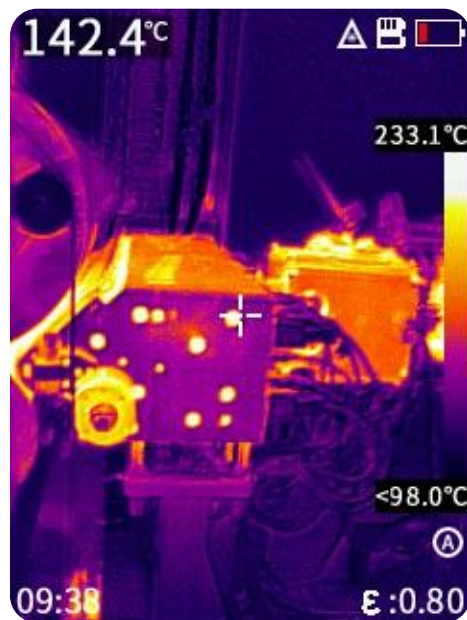
Insulated surfaces

230 °C

55 °C



Extruder
DHT550-SWS-EG25

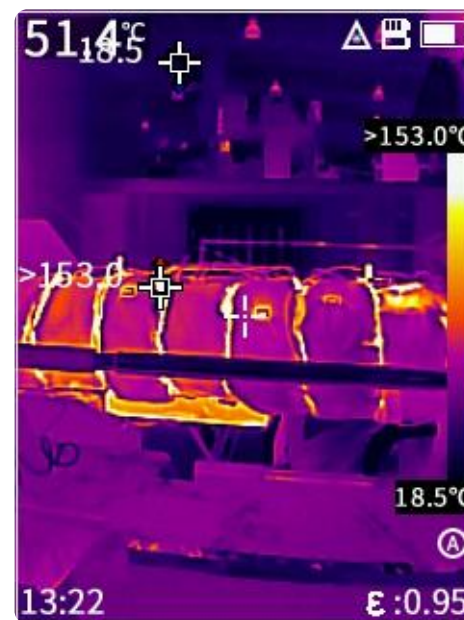
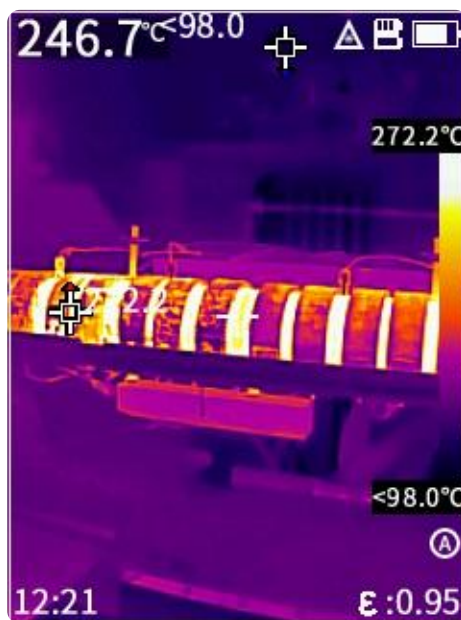
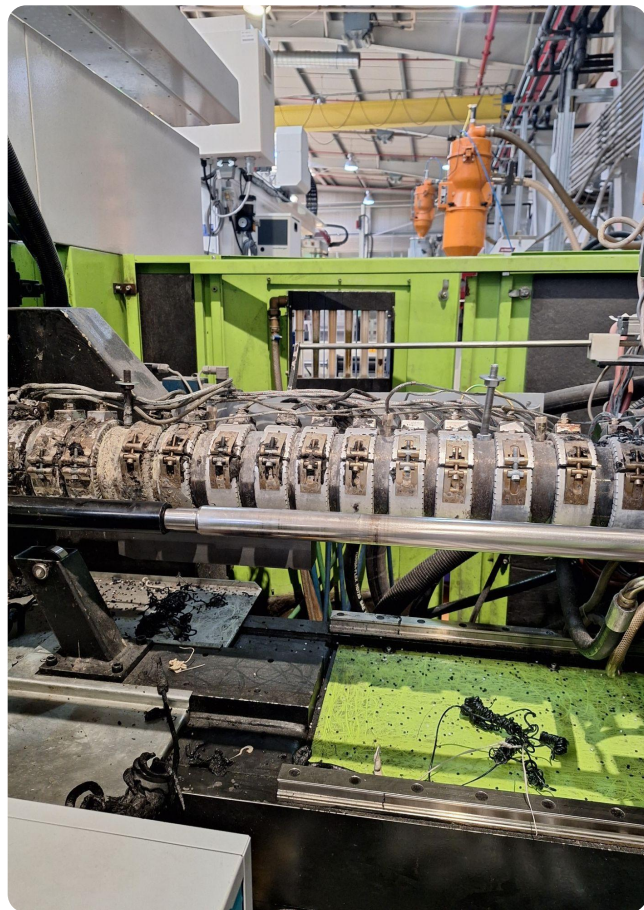


Insulated surfaces

246 °C

52 °C

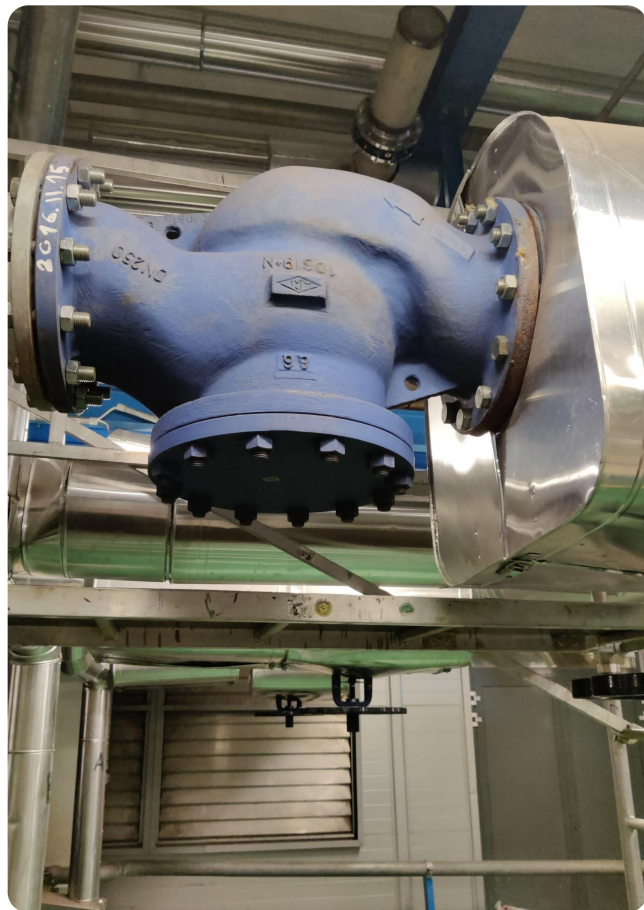
Injection moulding machine DHT550-SWS-EG25



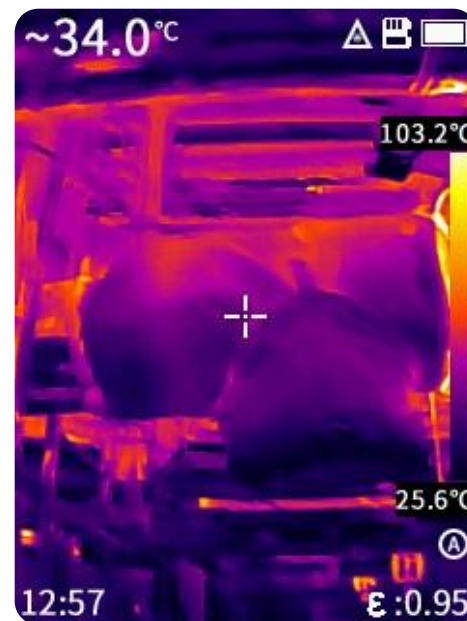
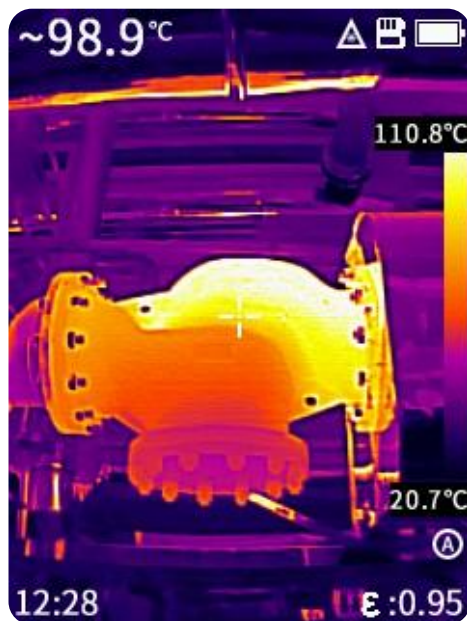
Insulated surfaces

98 °C

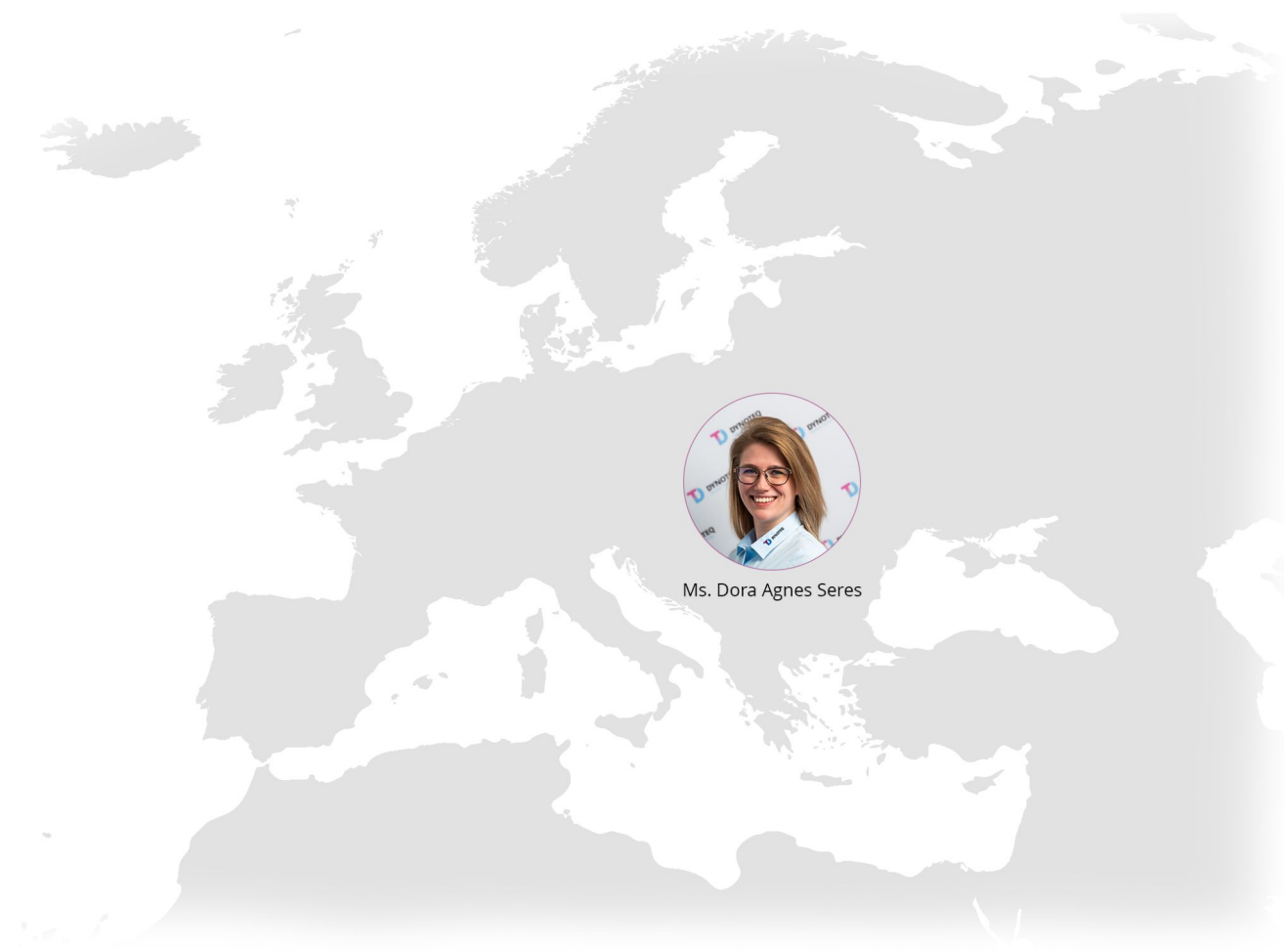
34 °C



Valve
DLT250-S-EG25



Our sales engineers



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