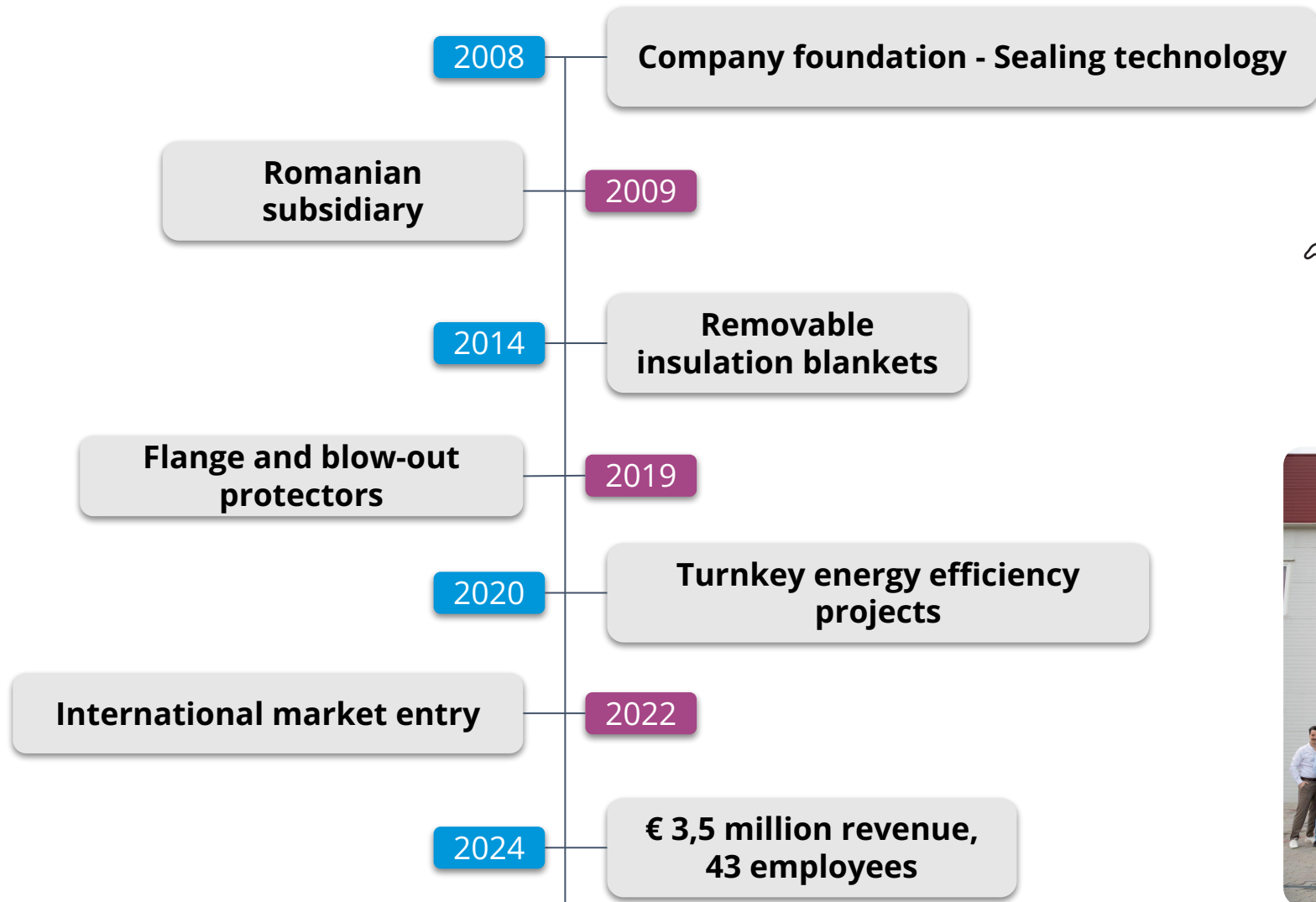


Energy efficiency projects

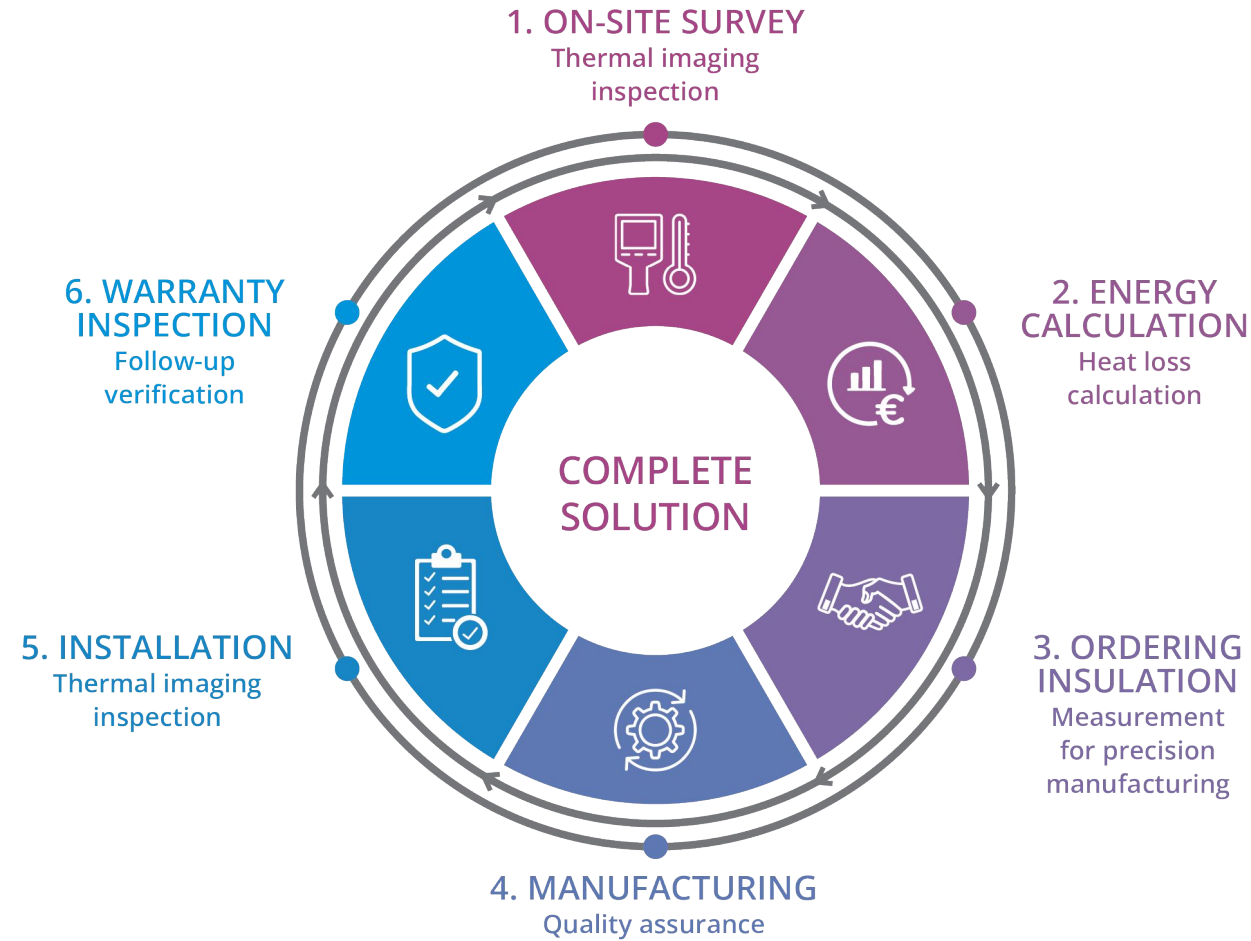
Canning industry



Dynoteq Ltd.



Complete insulation solution



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



What system components can insulation blankets be used on?

Valves



Heat exchanger



Pump



Steam boiler

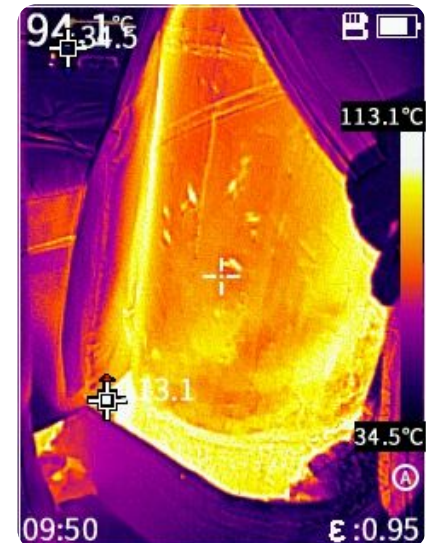
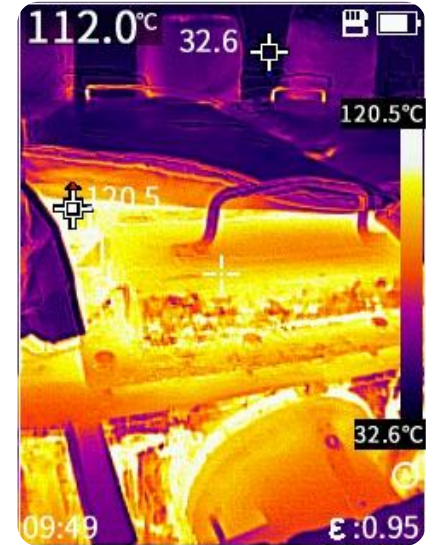
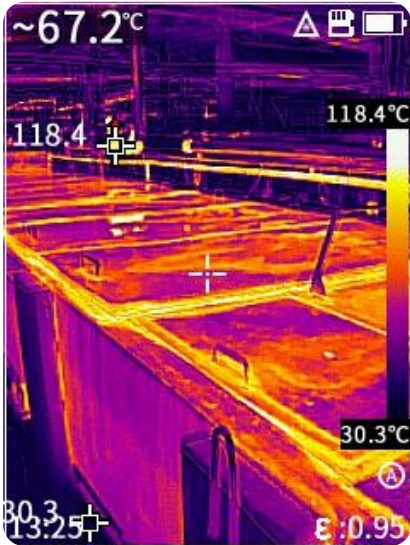


Canning industry equipments and temperatures

Equipments

Temperatures

Hydrostatic sterilizer	→	60 - 130 °C
Tunnel pasteurizer	→	85 - 95 °C
Brine cooker, tank	→	75 - 90 °C
Pre-cooker	→	75 - 90 °C
Autoclave	→	110 - 130 °C
Steam valve	→	95 - 185 °C



DynoFlex[®] 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 - Central Hungary

Investment cost

€ 62 392

Payback

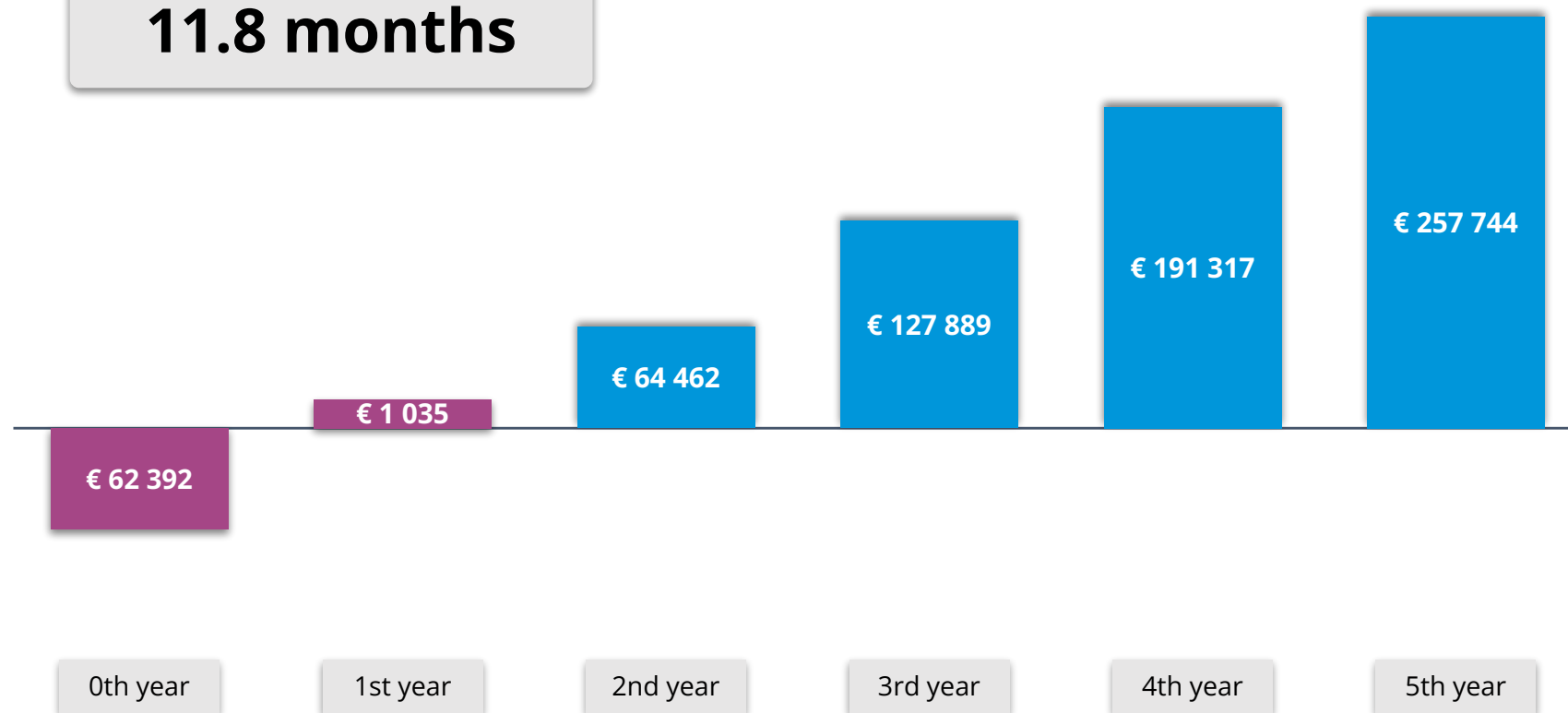
11.8 months

Savings

Energy - 2 873 GJ/year

CO₂ - 158 t/year

Natural gas - 84 489 m³/year



Operating hours: 500 - 6 000 h

Energy cost: 22,5 €/GJ

Surface temperatures: 50 - 180 °C

Sample project - Eastern Hungary

Investment cost

€ 105 844

Payback

8 months

Savings

Energy - 11 843 GJ/year

CO₂ - 651.3 t/year

Natural gas - 348 312 m³/year



Operating hours: 4 830 - 7 050 h

Energy cost: 13 €/GJ

Surface temperatures: 50 - 185 °C

Sample project - Eastern Hungary

Investment cost

€ 47 575

Payback

1.5 year

Savings

Energy - 2 826 GJ/year

CO₂ - 155.4 t/year

Natural gas - 83 110 m³/year



Operating hours: 4 830 - 7 000 h

Energy cost: 11 €/GJ

Surface temperatures: 55 - 185 °C

Insulated surfaces

113 °C

47 °C



Deaerator
DLT250-S-EG25

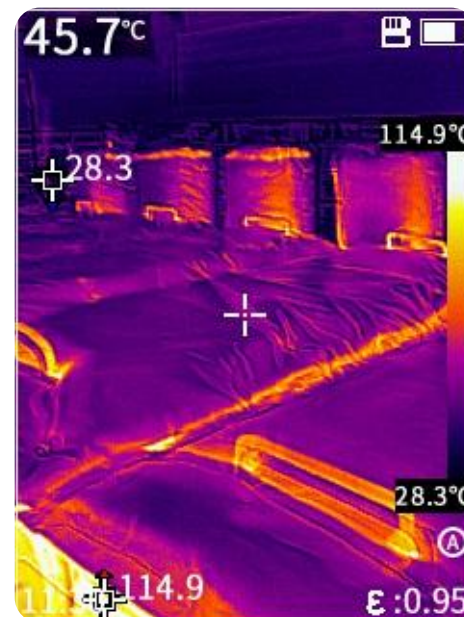
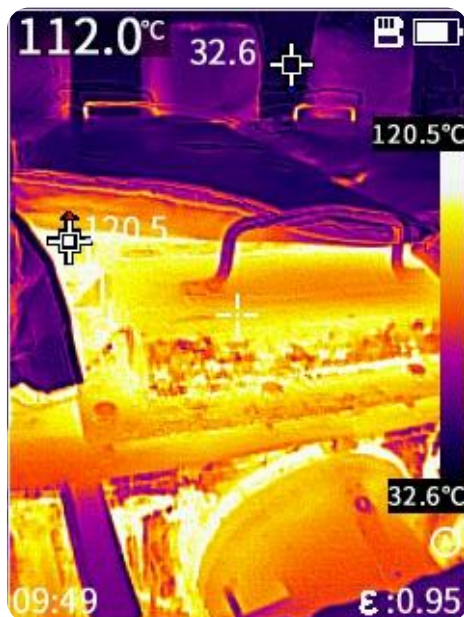


Insulated surfaces

120 °C

46 °C

Hydrostatic sterilizer DLT250-S-EG25



Insulated surfaces

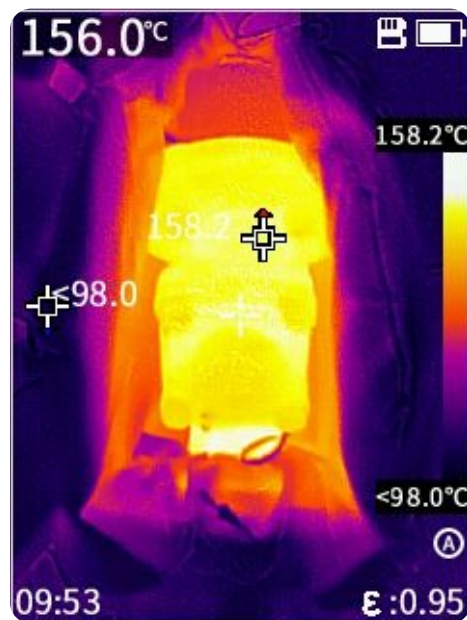
156 °C

46 °C



Steam valves

DLT250-S-EG25



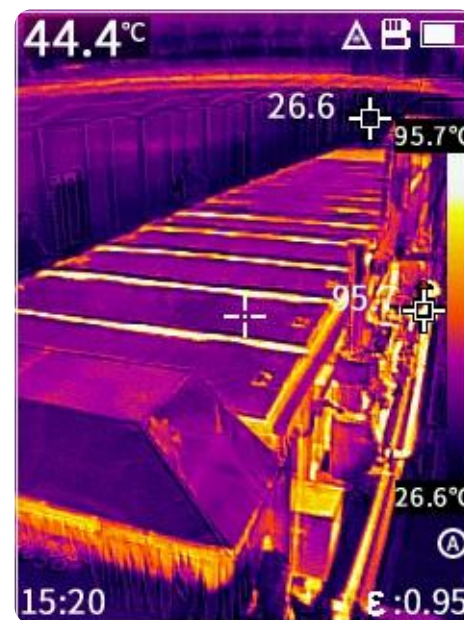
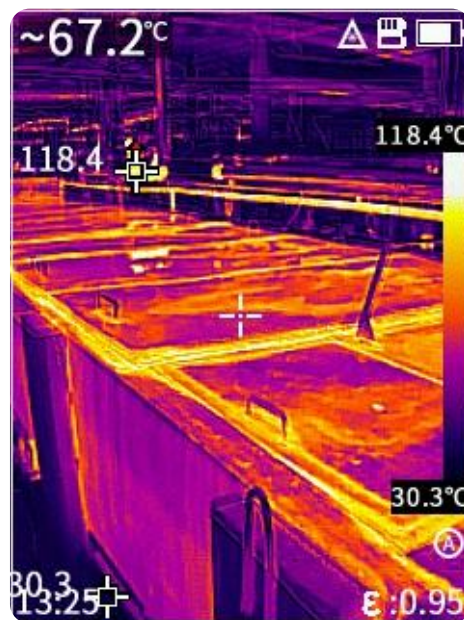
Insulated surfaces

90 °C

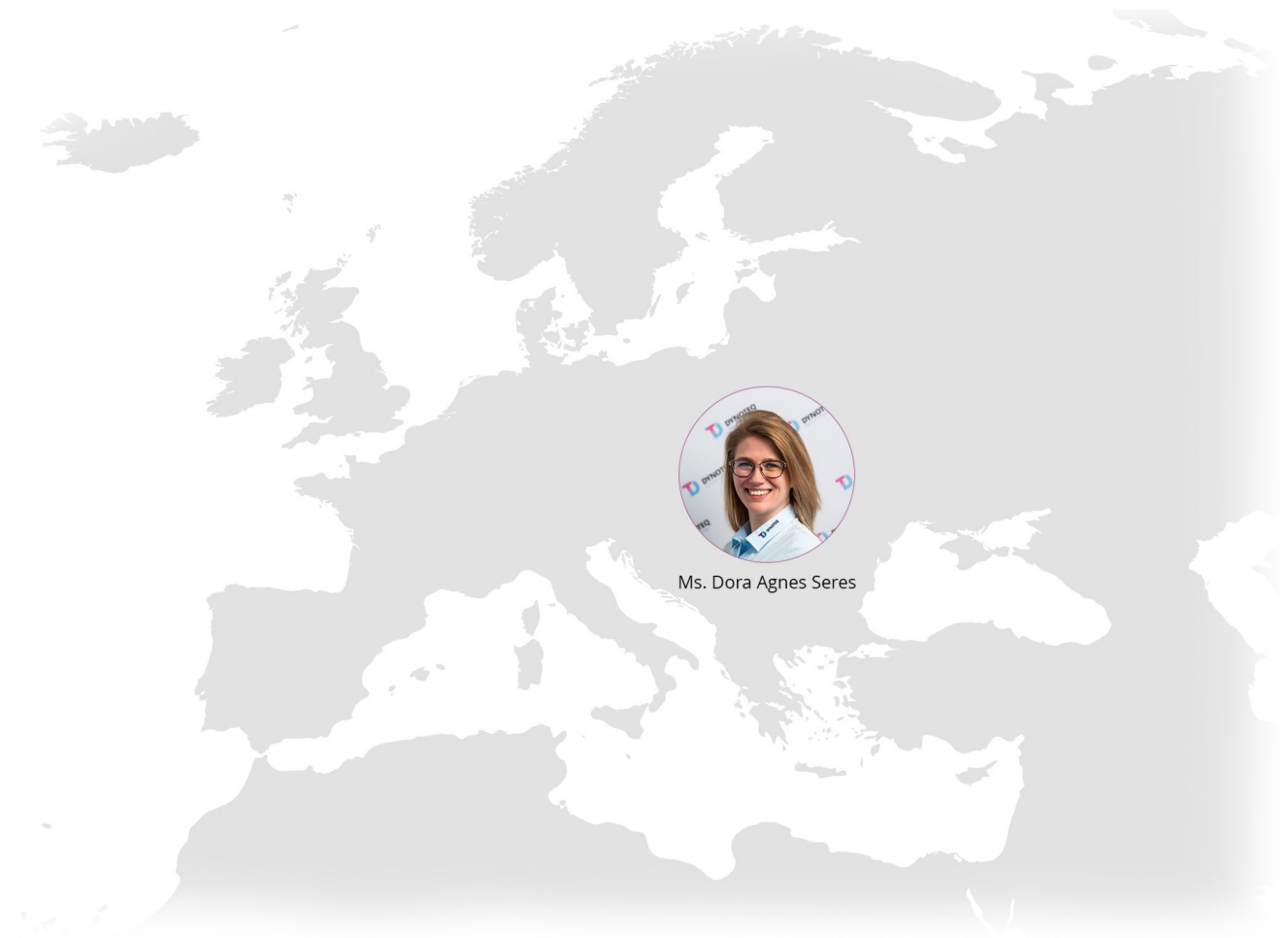
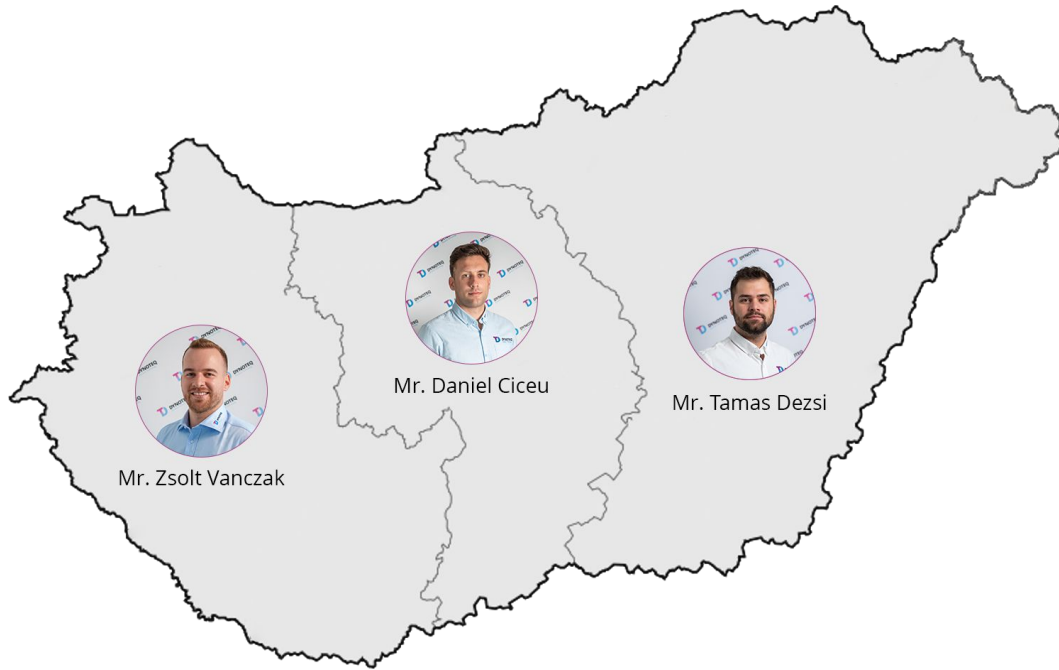
45 °C



Tunnel pasteurizer
DLT250-S-EG25



Our sales engineers



Contact information



Mr. Zsolt Vanczak

Area

Western Hungary

Phone

+36 20 417 7005

Email

zsolt.vanczak@dynoteq.com



Mr. Daniel Ciceu

Area

Central Hungary

Phone

+36 70 415 7220

Email

daniel.ciceu@dynoteq.com



Mr. Tamas Dezsi

Area

Eastern Hungary

Phone

+36 70 261 5569

Email

tamas.dezsi@dynoteq.com

International sales



Mr. Denes Peter Bencze

Area

Romania

Phone

+40 729 93 92 95

Email

bdp@dynoteq.com



Ms. Dora Agnes Seres

Area

International

Phone

+36 70 722 7295

E-mail

dora.seres@dynoteq.com