



Traction Transformer

Safety Transformer

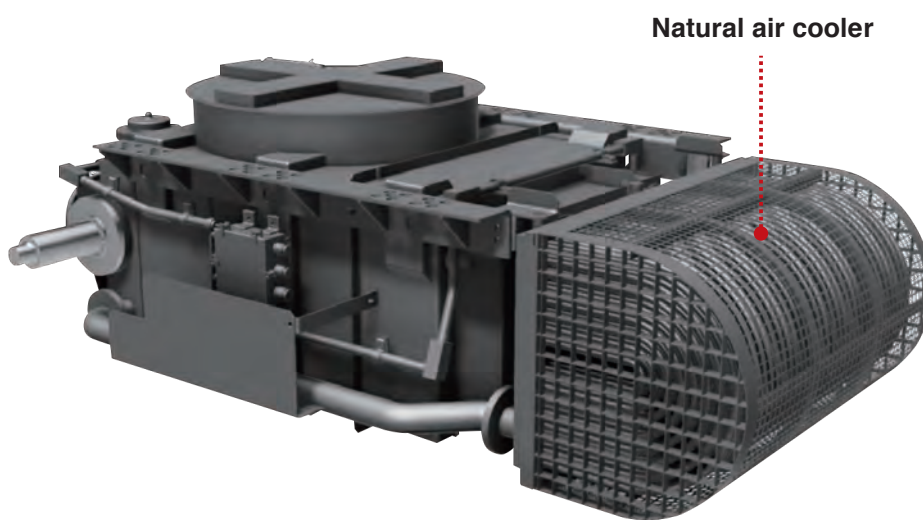
- ① Natural Air Cooling System
- ② Oil Preservation System



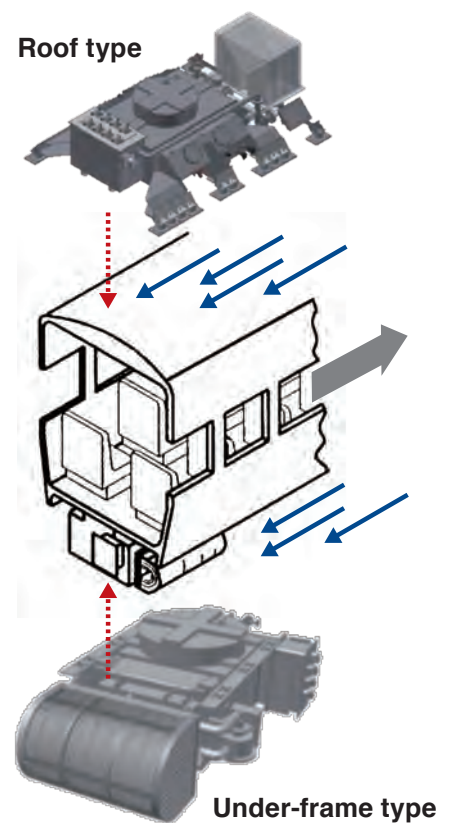
MELCO traction transformers are IRIS certified (category 4 power system).

Natural Air Cooling System

Cooling the Transformer by the Air Flow of the Running Train



Natural air cooler



Roof type

Under-frame type

Features

- No blower noise
- No blower energy consumption
- No blower maintenance
- No cooler cleaning

Advantages

- Low noise
- Energy saving
- No maintenance

Oil Preservation System

Metallic Bellows Sealing Type

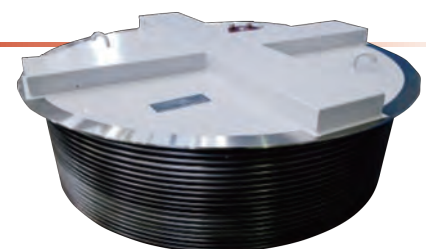
- Adapts to the heat expansion and contraction of oil
- The bellows ensure the seal maintains a constant pressure

Features

- No contact between oil and air
- No oil deterioration
- No oil changes required

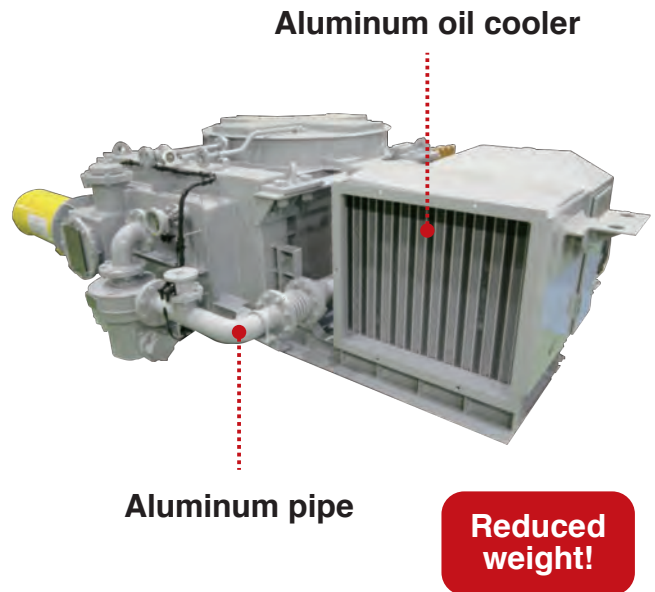
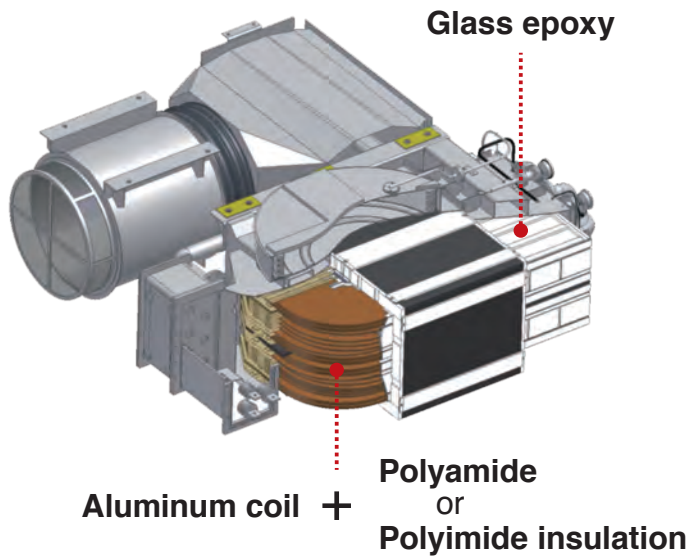
Advantages

- High reliability
- No maintenance



Metallic bellows conservator
Made from stainless steel

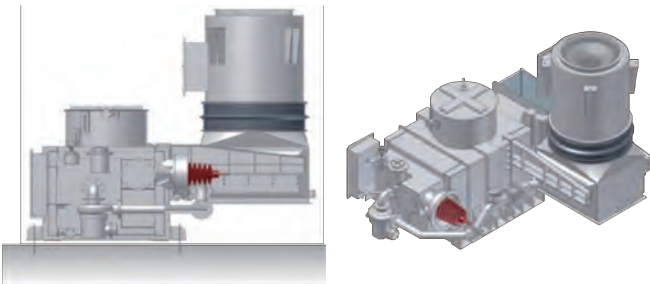
Reduced Weight with Materials with High Heat Resistance and Low Specific Gravity



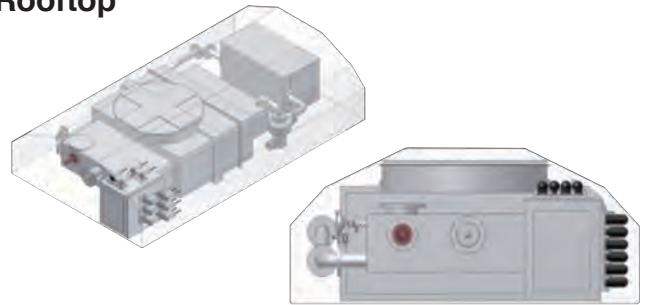
Wide Range of Applications

Various Mounting Options

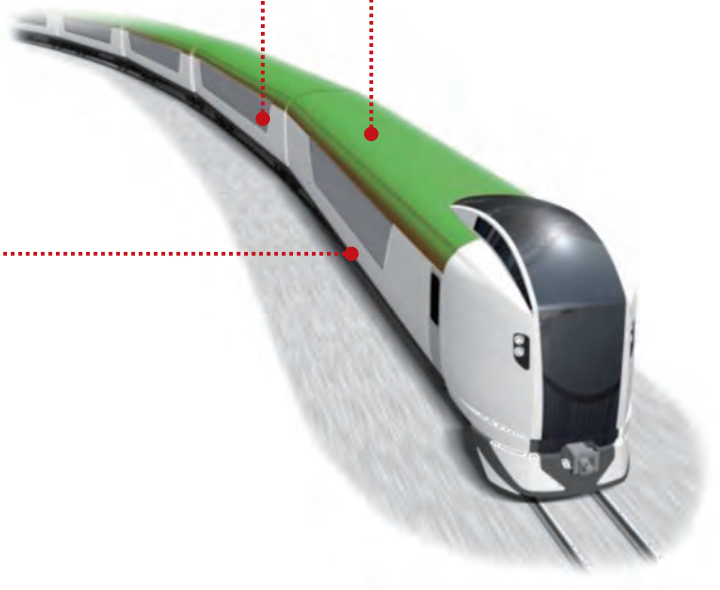
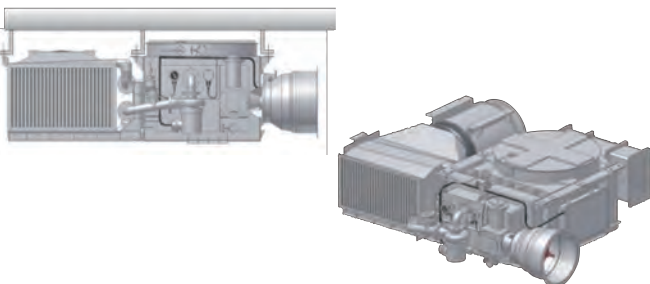
Onboard



Rooftop



Undercarriage



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