



ARES METAL KAZAN LTD.

2025



Production Facility





Products

- Hermetic Corrugated Wall Tanks for Distribution Transformers
- Flat Wall Tanks (Uk type with Radiators)
- Small Power Transformer Tanks (5MVA to 15MVA)

Our Machinery and Equipments



12kW Laser Cutting

3000x6000mm
Up to 40mm



Corrugated Tank Wall

400-1600mm



CNC Bending

4 meter – 400 tons



Auto Sand Blasting

3500x4000mm

Our Machinery and Equipments



Mig/Mag Welding Synergic

3000x6000mm
Up to 40mm



3kW Laser Welding

Up to 8 mm



Cylinder Machine

2000mmx15mm



Radial drilling

Ø3mm to Ø50mm

Our Machinery and Equipments



Combined Shears

100 tons



Wet Painting & Drying



Drying Booth

2000mmx15mm



Flow Painting

Production Capacity; 300 tons / month

DIMENSION		RANGE
Coil dimension	H	400 mm -1600 mm
Coil thickness	s	0,8 mm -1,0 mm -1,2mm -1,5 mm
Fin height	P	40 mm -400 mm
Fin pitch	c	≥35 mm for H≤1000 mm / 40 mm for H>1000 mm
Fin pitch with "super onda"	cs	Minimum 46 mm
Number of fins	N	Minimum 1
Number of different sides	L1-L2...L6	Maximum 6
Number of embossing		1-2-3, depending on P
Spot welding		Per customer request
Strip		Per customer request (only c ≥ 40 mm)
Opening inside fin		4mm for H ≥ 1000 / 6 mm H from 400mm to 1600mm



Corrugated Walls Technical Details

Fin walls are manufactured with raw material height range from 400mm up to 1600mm, with thickness of 0,8mm – 1,0mm – 1,2mm – 1,5mm and with a depth of the fins from a minimum of 40mm to a maximum of 400mm.

On the fins we could apply both embossments, to make stronger the fin wall, than spot welding, in order to grant an higher oil pressure resistance of the entire tank. ARES METAL can manufacture also corrugated walls with “super onda” profile, a better configuration of the space inside the fins in order to make the oil circulate better, helping the whole heat dissipation of the tank.

On the corrugated walls ARES METAL can apply a metallic strip that help the welder during assembling operations and welding processes, giving to him a perfect straight shape to handle and a strenght edge resistance.

We can perform bending on the edge sides of the corrugated wall or bend directly in the middle of the fin wall that may be an half tank, saving time during welding operations.

Quality:
EN ISO 9001:2015

Environmental protection:
EN ISO 14001:2015

Welding qualification:
EN ISO 3834-2:2007 and
EN 1090-2:2018(EXC3)



KING CERT

CERTIFICATE

Ar-Es Metal Otomotiv Elektrik İthalat İhracat Sanayi Ticaret Limited Şirketi
Karadenizliler Mah. Yücelen Sk. No: 25 Başiskele Kocaeli Türkiye

The above-mentioned organization implements and maintains a management system in the following scope, and its compliance with the standard has been approved by KingCert.

ISO 14001:2015

Environmental Management System

Scope : Manufacture and Sale of Distribution and Components. (Corrugated Wall and Vacuum-Res Covers and Enclosures, Air and Oil Cable Boxes)

IAF/EA Code: 17,29

This certificate is valid during above mentioned company per ISO 14001:2015 standard and fulfill all responsibilities to KingCert.

Certificate Publication Date : 08.12.2024
Cert. Last Issue Date : 08.12.2024
Cert. Expiry Date : 08.12.2026
Certificate Number : 11738142822E

IAS ACCREDITED Management Systems Certification Body MSCB-198
IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

King Cert International Certification Ltd.
Thessaloniki Street Blvd. No: 133
BIC ISOY P18, Office No: 603
1784 Sofia Bulgaria
info@kingcert.com
PR.25 / 01.08.2018 / 27.11.2024 / 08

King Cert International Certification Ltd. certifies that the above stated company has the appropriate management system according to the requirements of the above standards. This certificate is valid for three years as long as the system effectively maintained and surveillance audits are carried out. Certification Period Expiry Date is 08.12.2027. The validity of the certificate can be checked through www.kingcert.com. The certificate is property of King Cert International Certification Ltd. and shall be returned if so requested.

King Cert International Certification Ltd.
CEO



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Karadenizliler Mah. Yücelen Sk. No: 25 Başiskele Kocaeli Türkiye

The above-mentioned organization implements and maintains a management system in the following scope, and its compliance with the standard has been approved by KingCert.

ISO 45001:2018

Occupational Health and Safety Management System

Scope : Manufacture and Sale of Distribution and Power Transformer Parts and Mail and Vacuum-Resistant Tanks, Conservator, and Oil Cable Boxes)

This certificate is valid during above mentioned company perform the requirements of ISO 45001:2018 standard and fulfill all responsibilities to KingCert.

Certificate Publication Date : 08.12.2024
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The above-mentioned organization implements and maintains a management system in the following scope, and its compliance with the standard has been approved by KingCert.

ISO 9001:2015

Quality Management System

Scope : Manufacture and Sale of Distribution and Power Transformer Parts and Components. (Corrugated Wall and Vacuum-Resistant Tanks, Conservator, Covers and Enclosures, Air and Oil Cable Boxes)

IAF/EA Code: 17,29

This certificate is valid during above mentioned company perform the requirements of ISO 9001:2015 standard and fulfill all responsibilities to KingCert.

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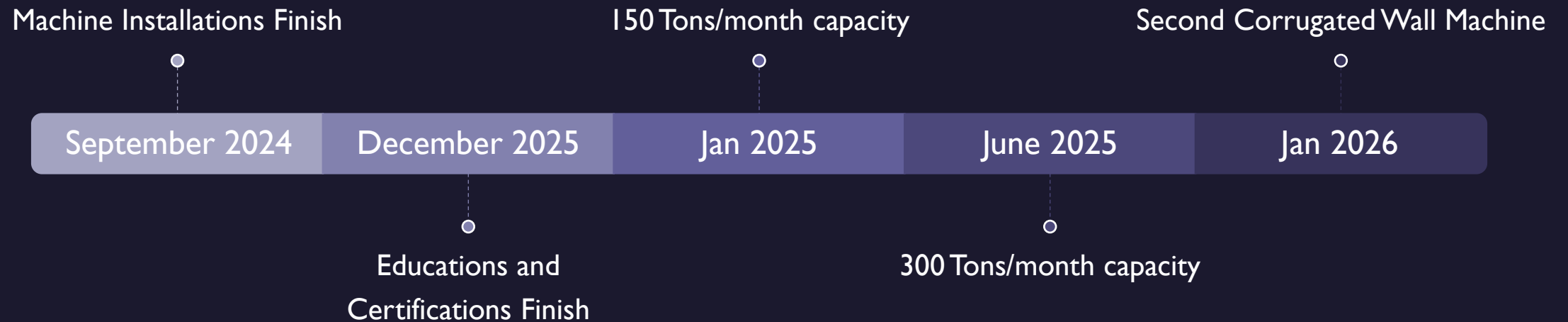
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King Cert International Certification Ltd.
CEO

Future plans



Thank you

Karadenizliler Mah. Yücelen Sok.

No:25 Başiskele/Kocaeli

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