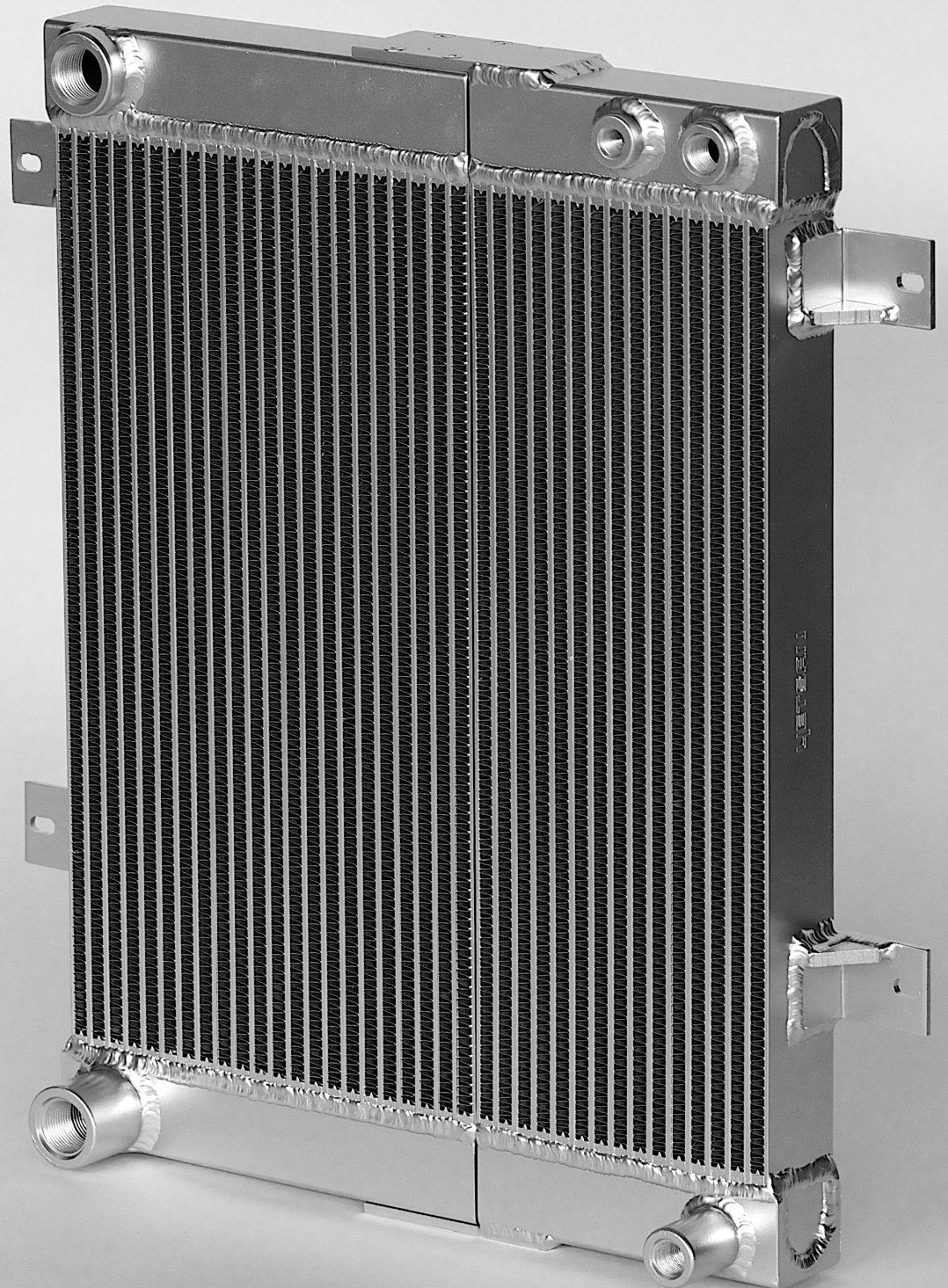


YETSAN

Oil coolers



Path to success

From a small radiator repair shop to a heat exchanger production company

Yetsan Auto Radiator was founded by three brothers in Corum, Turkey early in 1970's. They started the business with repairing radiators and making some metal work. And in the following years they started to produce unique heating systems for cars and trucks.

After the serial production of the cabin heating systems company started to manufacture copper-brass heater cores for cabin heating system. In 1990 company made new investments in order to manufacture new cabin heaters and copper brass heat exchangers. In 2007 in addition to our copper brass heat exchanger production we started to manufacture aluminum radiators and charge air coolers with the use of the most up-to-date production technologies.

This can be seen in our new investment commitment towards the construction of a new aluminum heat exchanger production factory.

Yetsan specializes in heating and cooling technology and solutions to diversified global markets, including automotive, light and heavy-duty vehicles, agricultural and construction machineries, military vehicles and HVAC equipment.

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Stand alone oil coolers

YETSAN OEM's bar and plate coolers are constructed as a modular system, allowing length and width to vary according to demands. Bar and plate coolers are available with various core thicknesses.

Benefits

- Aluminum plate-type design provides high heat transfer performance per plate in a compact package
- Selection of turbulators allows performance to be tuned to pressure drop rate
- Brazing process enables reliable, oil-tight construction
- Several mounting and fitting options available, including quick connect fittings
- Provides up to 20 percent reduction in component mass and packaging improvements versus competitive and stand-alone offerings.
- Offers improved vibrational resistance through the elimination of application-specific bracketry via scalable design.



Yetsan's Stand-Alone Oil-to-Air Coolers

Utilize high performance, either with extruded tubes or with bar&plate can be scaled to fit the specific application requiring cooling for all areas where oil needs to be cooled.

The available tube, fin, and bar geometries allow design flexibility to optimize heat transfer and pressure drop performance to meet the required specifications.

Our oil coolers are available in three different versions:

Bar and plate coolers, manufactured from aluminum and suited for working pressures between 13bar to 30 bar.

Coolers may be equipped with various types of turbulators and fins to suit the demands of the individual customer.

Yetsan's bar&plate and tube&fin type oil coolers can be customized by adding or deleting plates, fittings, and quick connects.

We have developed an extremely flexible manufacturing technique that enables us to offer small volumes to our customers without tooling costs. Special brackets and connections can be designed to suit each manufacturer's application. Custom made oil coolers that suit the application, rather than forcing our customers to build their machines around an existing cooler.

Yetsan's high-performance Oil Coolers provide maximum heat transfer capability with minimal packaging volume.



YETSAN oil coolers are constructed by means of highly advanced pressing tools, which give the cooler its particular shape.

Customized oil coolers for industrial use

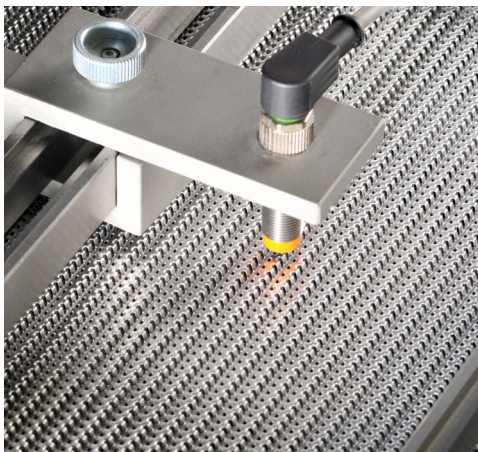
From agricultural machinery to medical computer tomography. From screw compressors to mobile hydraulics. In every area of the industrial world, whether it be mobile or stationary, automotive or production equipment applications, Yetsan products provide the right conditions for the oil, water or air.

Using advanced computer calculation programs, our engineering service can be of help in calculating the correct size of a heat exchanger for any specific need. Provided, of course, that proper data is available from our customers.

In many cases a prototype cooler is the quickest way to determine actual performance figures in a specific application, especially on mobile equipment. It is our determination to remain a solid collaboration partner to the industry in all parts of the world in the years to come.



Shot at Yetsan photo-studio



Our heat exchangers are designed for ultimate performance and flexibility, and can be adapted to most cases of cooling requirements. The vast number of sizes already to be found in the general range enables our customers to make try-out production within short time.