



Heavy Industry

VITAL LINKS IN THE GLOBAL SUPPLY CHAIN



EXPERT SOLUTIONS FOR YOUR PROJECT

Heavy industry covers a wide range of raw materials and products – from steel, oil and mineral ores, to cars and aeroplanes – without which the modern world would not exist.

Production processes in heavy industry are often energy-intensive and generate a lot of heat. The big challenge is to **keep production running smoothly** despite the high temperature.

Thanks to our **many years' of experience** in all fields of heavy industry, Kelvion can meet the challenge head on. Our **heat exchanger solutions** have kept up with changes in industrial processes, which is why **our products are in demand** wherever **optimum performance and efficiency** are required.

OUR AREAS OF EXPERTISE

		
STEEL PRODUCTION / METALLURGY	CEMENT INDUSTRY	AUTOMOTIVE PLANTS
		
INDUSTRIAL EFFLUENTS	INDUSTRIAL WASTE WATER	WASTE INCINERATION
		
SURFACE TREATMENT	TIRES INDUSTRY	MINING

OUR HEAT EXCHANGER SOLUTIONS HAVE KEPT UP WITH CHANGES IN INDUSTRIAL PROCESSES

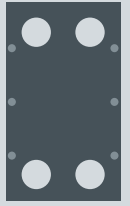
SHELL & TUBE HEAT EXCHANGERS

- ▶ For a wide variety of applications & processes
- ▶ For a wide range of pressure and temperature
- ▶ Customized designs for the most demanding duties
- ▶ Easy control and usability



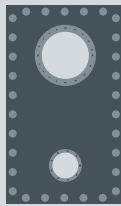
PLATE HEAT EXCHANGERS

- ▶ Worldwide technology leader in the manufacture and development of plate heat exchangers
- ▶ Most extensive product ranges on the market
- ▶ High thermal efficiency
- ▶ Simple and compact (small foot print)
- ▶ Easy for cleaning and maintenance



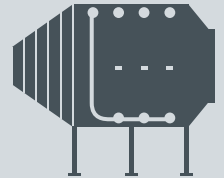
FULLY-WELDED PLATE HEAT EXCHANGERS

- ▶ Several technologies available for wide variety of applications & processes (liquid – gas – air – flue-gas)
- ▶ For a wide range of pressure and temperature
- ▶ Small footprint and outstanding heat transfer coefficients
- ▶ Convincing performance



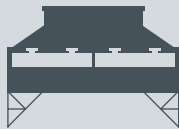
AIR DRYERS

- ▶ For air heating necessary for drying in any manufacturing process (paper industry, painting chambers, gypsum, tobacco, textile etc..)
- ▶ Wide range of available plain and finned tubes
- ▶ Customized designs to fit specific customer needs



AIR FIN COOLERS

- ▶ For cooling and/or condensing any process fluid using ambient air as cooling media
- ▶ Wide range of materials for tubes and fins
- ▶ Customized designs to fit customer requirements



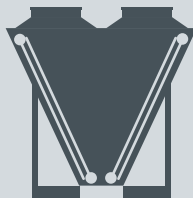
ECONOMIZERS

- ▶ For air heating in a wide range of applications & processes
- ▶ Heat recovery from exhaust gases and flue gases
- ▶ Wide range of available plain and finned tubes
- ▶ Customized designs to fit customer requirements



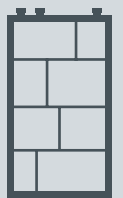
RADIATORS & DRY COOLERS

- ▶ For air heating in a wide range of applications & processes
- ▶ Heat recovery from exhaust gases and flue gases
- ▶ Wide range of available plain and finned tubes
- ▶ Customized designs to fit customer requirements



AIR PREHEATERS

- ▶ For air heating in a wide range of applications & processes
- ▶ Heat recovery from exhaust gases and flue gases
- ▶ Wide range of available plain and finned tubes
- ▶ Customized designs to fit your application



WET COOLING TOWERS

- ▶ Modular cooling tower system can be expanded and customized.
- ▶ Standardized system allows for significant cost advantages.
- ▶ Wide range of sizes and models available



AIR COOLED CONDENSERS

- ▶ For condensation of water steam under vacuum using ambient air as cooling media
- ▶ Wide range of materials for tubes and fins
- ▶ Customized designs to fit even for the most demanding requirements

