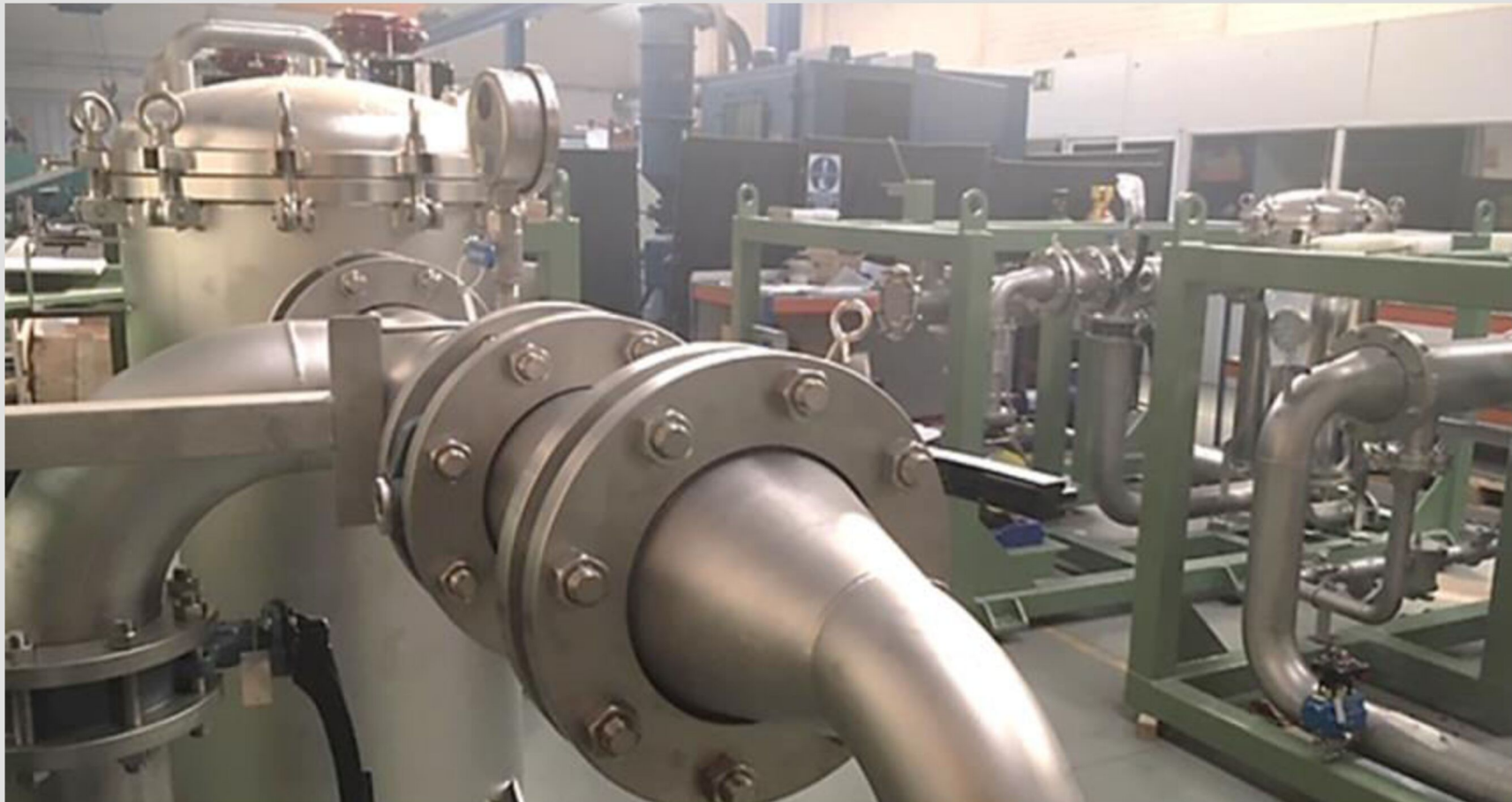


ATC SYSTEMS

www.atc-sys.com

Water Treatments used in:

- Vacuum Pump Skids
- Compressor Skids
- Heat Exchanger Skids
- Water Treatment Skid
- Filtration Skid





ATC Forced Evaporators captures thermal energy generated by its heat pump inside a boiling chamber, allowing water to boil at a significantly lower temperature

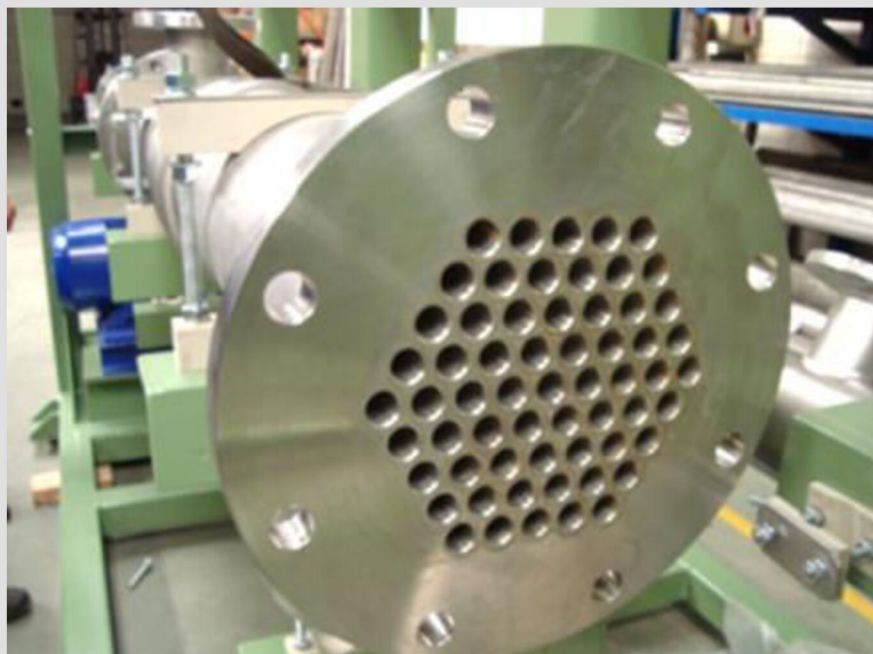


With **ATC Vacuum pump evaporator skid**, gets a cost effective customized solution for industrial water treatment.

PED
2014/68/UE

Heat pump vacuum evaporation Skid, from **ATC**, allows getting total separation of particles





PED
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Heating and cooling process skids

Each skid is **thermally designed to maximizing energy efficiency**, utilizing heat exchanger type: shell & coil, type frame & plate or shell & tube.

Exotics and special Alloys corrosion resistant are used for ATC heat exchanger.

Flow, pressure and temperature of process are monitored.

Exchanger Transfer Skids from ATC, **are used as two closed loops**, separately process fluid, in customizable ATC Skid.



Chemical injection ATC standard skids

- Dosage of Carbo-hydrazide
- Dosage of Phosphate
- Dosage of Ammonia
- Dosage of Hypochlorite
- Dosage of Bio-dispersant
- Dosage of Anti-fouling
- Dosage of Biocide

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ATC's Skid for dosage in Power Plants are mainly used in:

Dosage to steam water cycle
Dosage for boiler treatment
Dosing to cooling tower
Dosing to effluent treatment



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ATC Filtration Skid



Filtration and strainers can include ceramic filter elements, cellulose and textile elements, mesh screen or cartridges

Ceramic membranes sizes from 5.0 to 0.2 micron, offer automatic controls and back-pulsing that provide reduced frequency of cleanings, with RO membranes, as a pre-filter.

Periodic CIP cleaning with steam without affecting the ceramic membranes with excellent durability and cost.

Extensive range of RO from first brands



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- . Vacuum Pump Skid
- . Compressor Skids
- . Heat Exchanger Skid
- . Water Treatment Skid
- . Filtration Skids



ATC Auxiliary instruments for Rotating Machinery



Vibration Monitoring Systems

On-contact system arrangement for detection of Pump Shaft (NDE-DE) relative radial / axial radial / thrust bearing housing absolute axial vibration velocity, vibration.

Metal temperature for bearing

(thrust / radial) Temperature detector RTD PT100 accuracy Class A (acc./IEC 751). ATC double Measurement element with spring loaded, connection to wires housing IP68 & transmitter

ATC Skids could be wired and Tested acc/to NEC, IEC & UE

- Temperature local control System
- Reverse detector & monitoring system
- Shaft displacement & Ammeter system
- Radial, vertical & horizontal vibration monitoring



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Sampler and injector nozzles, gas and liquids



ATEX
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ATC manufactures **customized sampler** and **injector nozzles**, for systems and skids

