

Overview

YWCT has been at the vanguard of cooling tower design and manufacture for over 50 years. During this period, we have built our reputation as a reliable cooling tower supplier for the industrial market.

YWCT specializes in customizing industrial cooling towers to meet project's needs, tailoring the right solution to meet the specific requirements of our customers. In the past decade, we have improved and perfected our unique capabilities in field-erected FRP cooling towers, which are suitable mainly for power plants and other large industrial facilities. In addition, YWCT specializes in design and erection of FRP cooling towers using the existing concrete basin, thereby providing its customers with distinct advantages.

Our vision

To continue as a leading international cooling tower manufacturer, by maximizing value to our customers based on our engineering and project-oriented capabilities.

Main areas of activity

Field erected cooling towers- Design, manufacture, and construction of field-erected cooling towers made of FRP

Retrofit and upgrading- field-erected cooling towers on an existing concrete basin

Factory-made cooling towers- Standard models and those customized as per the client's specific needs

Skid-mounted cooling systems- A system that includes in addition to cooling towers other components such as pumps, heat exchangers etc.

Turnkey projects- End-to-end execution of large-scale cooling towers

Global project management- field construction teams, global on-site supervision, and commission support

Maintenance and service provision

Industries served

- Oil & gas
- Food & beverage
- Air separation
- Power generation
- Steel & mining
- Chemicals
- Large-scale HVAC projects

It's all about approach!

YWCT is a project-oriented company. From the initial RFQ until the cooling tower is installed on site, we approach each project individually, no matter the size. We offer our customers a complete service package, including:

- Engineering – detailed design in 3D, P&ID, piping streamline, and concrete cement structure (if required)
- Full thermal rating
- Assistance in optimizing the configuration for the specific project
- Running finite element analyses for the specific cooling tower as per regulations in the destination country
- Sending our field team to assist or lead installation on site

Water Flow	12,000 m ³ /hr
Type	Conterflow Induced Draft
Year	2016
Construction Material	Pultruded FRP
Cells size	14x14m
Cells No.	6
Industry	Power
Scope	Design Manufacture, On-site erection, Commissioning

Alstom Ashalim Power plant

Israel



Water Flow	6,000 m ³ /hr
Type	Conterflow Induced Draft
Year	2015
Construction Material	Pultruded FRP
Cells size	11x12m
Cells No.	3
Industry	Food & beverage + power
Scope	Retrofit design Manufacture, On-site erection, Reassembly of rotating system, Commissioning

DSCL Sugar Refinery 100 mw power plant

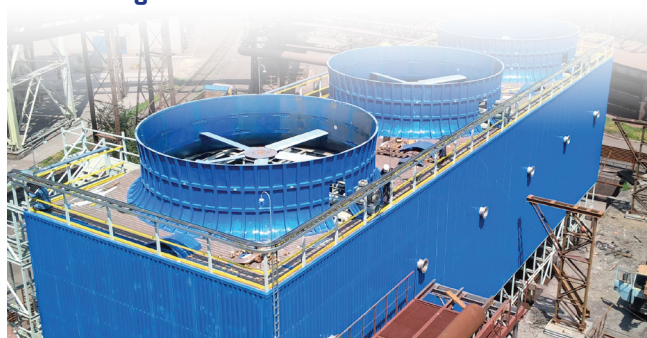
India



Water Flow	5,000 m ³ /hr
Type	Conterflow Induced Draft
Year	2015
Construction Material	Pultruded FRP
Cells size	11x11m
Cells No.	3
Industry	Steel
Scope	Retrofit design, Manufacture, On-site supervision

Zaporizhyye Steel Metallurgical Plant

Ukraine



Water Flow	7,200 m ³ /hr
Type	Conterflow Induced Draft
Year	2014
Construction Material	Pultruded FRP
Cells size	11x10m
Cells No.	5
Industry	Chemical
Scope	Turnkey design, Manufacture, On-site erection, Civil engineering Pumps, Filtration system, Water treatment system, Electrical & instrumentation, piping

ICL- Rotem Amfert Negev Phosphoric Acid Plant

Israel

