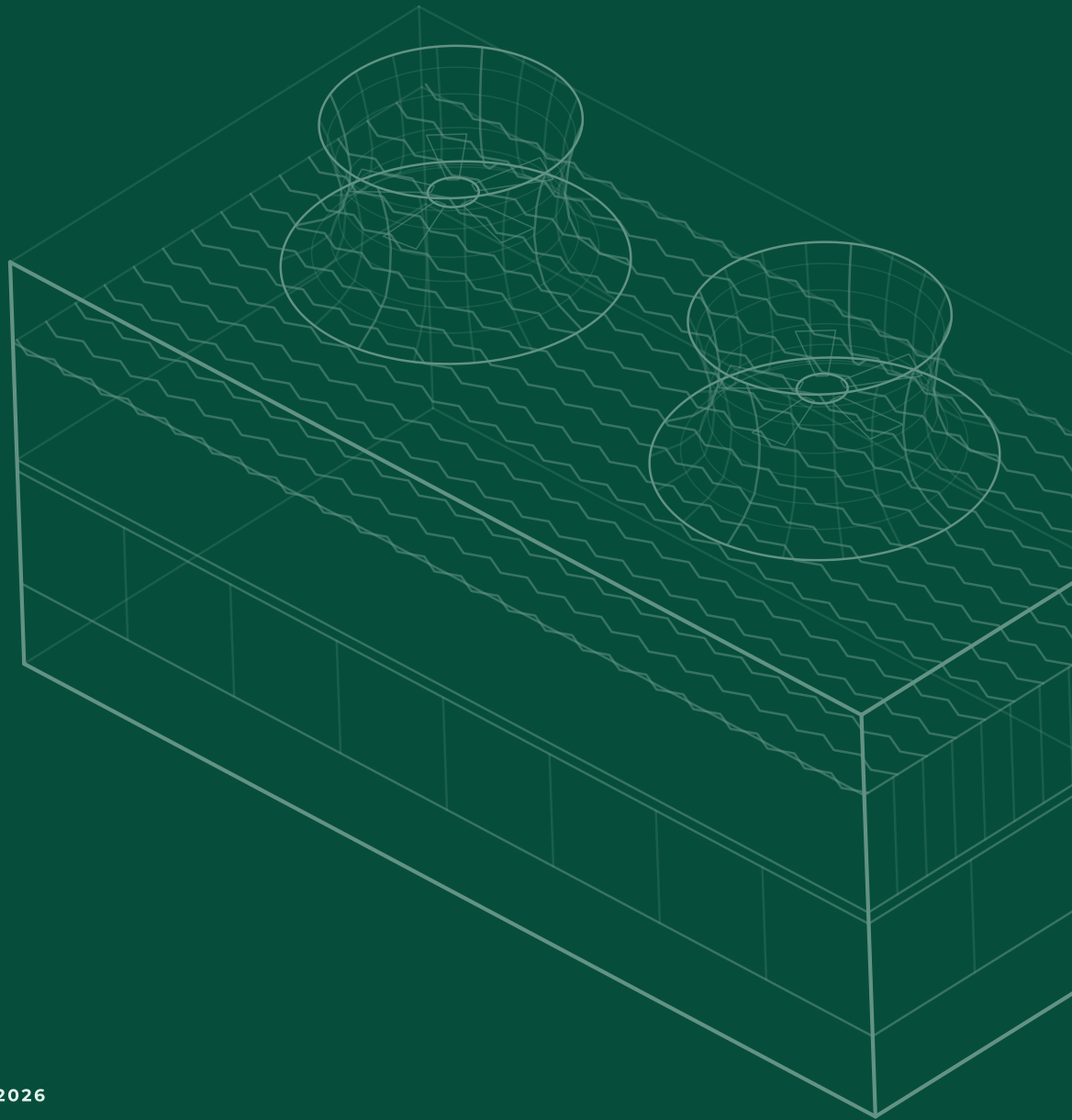




EXHIBITION BROCHURE · 2026

Your reliable cooling tower partner.

Engineering-led inspection, maintenance, parts and reconstruction for industrial cooling systems across Thailand and the region.

Established 2006

ISO 9001:2015 QMS

CTI member



Scan for current details
synergyservices.co.th/



COOLING TOWER SERVICE · THAILAND

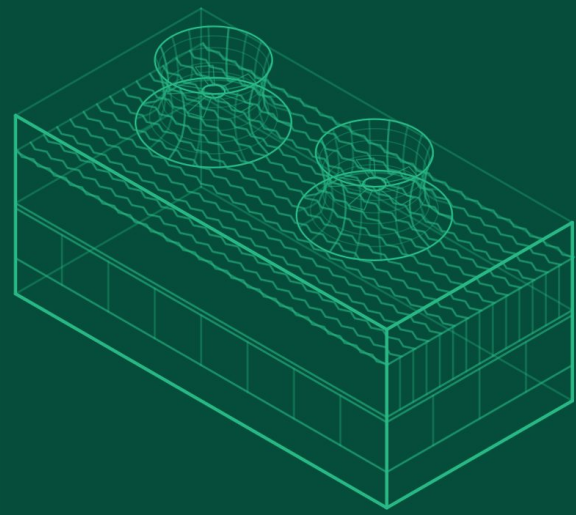
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CTI MEMBER



One team across the tower lifecycle

FOUR CORE SERVICE LINES

01 Inspection and performance testing
Mechanical inspection, airflow and thermal measurement for evidence-based maintenance decisions.

02 Overhaul and maintenance
Preventive and corrective work for fans, gearboxes, drives and static tower components.

03 Parts replacement
Supply and installation of fill, drift eliminators, nozzles, fans and structural components.

04 Upgrade and reconstruction
Engineering redesign to restore performance, expand capacity and extend cooling-tower service life.

Built for industrial uptime

3

THAILAND LOCATIONS

2

OVERHAUL WORKSHOPS

100+

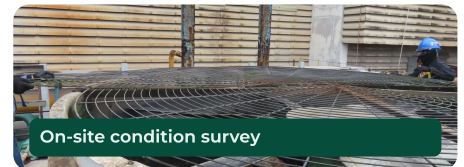
APPROVED VENDOR LISTS



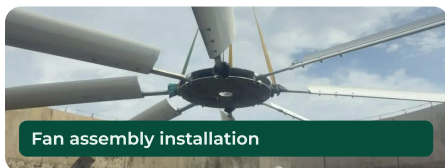
Dedicated overhaul workshop



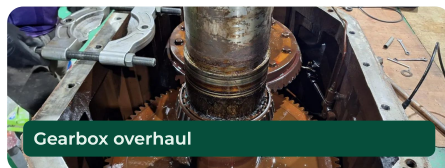
Fill replacement



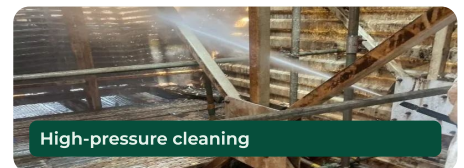
On-site condition survey



Fan assembly installation



Gearbox overhaul



High-pressure cleaning

Inspect → Repair → Verify

One engineering team connects condition assessment, workshop overhaul, component replacement and post-work checks.

Plan your next cooling tower project.

Send us the tower type, operating duty and current issue. We will help define the inspection, repair or upgrade path.

Synergy Services operates an ISO 9001:2015-certified quality management system and is a member of the Cooling Technology Institute (CTI).

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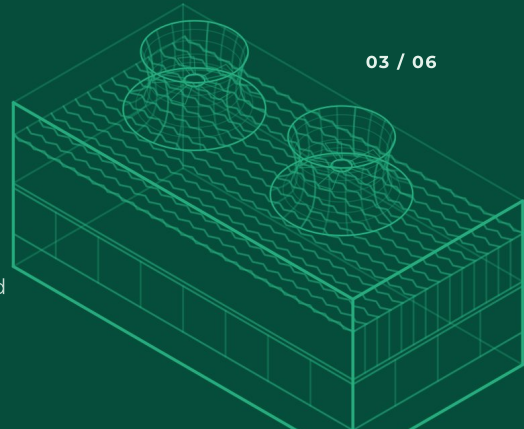
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Locations:

Bangkok · Rayong · Khon Kaen

Mechanical Parts

Cooling tower mechanical parts supplied by Synergy Services in Thailand: gearboxes and gears, fan assemblies, and drive shafts.



Mechanical drive components

COORDINATED COMPONENT SCOPE



Gearbox or Gear

Transfers motor power to the fan at the required speed and torque; selection is matched to duty, ratio, mounting, shaft arrangement and operating environment.



Fan Assembly

Hub, blades and related hardware move air through the tower; support includes inspection, balancing, pitch and tip-clearance setup, replacement and commissioning.



Drive Shaft

Transmits power between motor and gearbox; supply and installation can include couplings, alignment and vibration checks.

Addax

Mechanical power path

The drive train converts motor input into controlled fan rotation and airflow through the cooling tower.

01

Motor

Power input



02

Drive Shaft

Power transmission



03

Gearbox

Speed and torque



04

Fan Assembly

Air movement

Field-ready supply and installation

EXISTING FIELD AND PRODUCT IMAGERY



Gearbox



Fan assemblies



Drive shaft

Project selection

Final manufacturer, model, material and rating are confirmed from the operating duty, existing equipment and project-specific engineering review.

Match the drive train to the tower duty.

Share the existing equipment, operating duty and site condition so our team can define a suitable supply and installation scope.

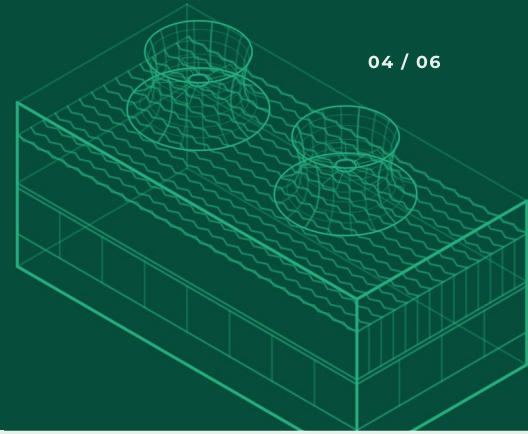
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Static Parts

Cooling tower static parts supplied by Synergy Services in Thailand: fill media, drift eliminators, and nozzles.



Water and air contact components

COORDINATED COMPONENT SCOPE



Fill or Fill Media

Creates the contact surface for heat exchange between circulating water and air; film, splash and other configurations suit different tower, water and fouling conditions.



Terra



BRENTWOOD Brentwood



Drift Eliminator

Captures water droplets carried by leaving air; selection considers airflow, pressure drop, drift-loss requirement, material and support arrangement.



Terra



BRENTWOOD Brentwood



Nozzle

Distributes circulating water across the fill; pattern, flow, pressure, connection and material are matched to the required coverage.



Terra



BRENTWOOD Brentwood

Tower water and air path

Water descends from the nozzle through the fill while air rises through the contact zone; drift eliminators limit carried droplets at the air outlet.

Water flow
↓

Drift Eliminator

Captures carried droplets

Nozzle

Distributes water

Fill Media

Water-air contact

↑

Airflow
↑

Components for distribution, contact and drift control

EXISTING FIELD AND PRODUCT IMAGERY



Fill media



Drift eliminators



Water-distribution nozzles

Project selection

Final manufacturer, model, material and performance requirement are confirmed from site measurements, operating data and project-specific engineering review.

Coordinate water distribution and airflow.

Share the tower configuration, water quality, operating data and site measurements so our team can review the component scope.

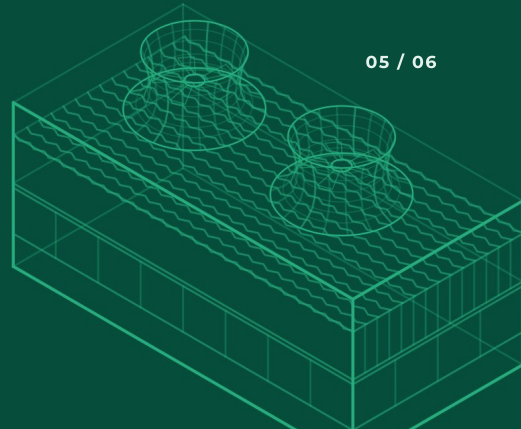
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Structure and Accessories

Cooling tower FRP structure and accessories supplied by Synergy Services in Thailand for repair, replacement, upgrade and reconstruction.



FRP support and access scope

COORDINATED COMPONENT SCOPE



Frame and bracing

Columns, beams and braces form the tower's structural support system.



Component supports

Internal supports carry casing and cooling-tower components.



Maintenance access

Platforms, walkways, handrails and ladders provide access for inspection and service.

Tower support and access map

The FRP frame connects tower support, internal component support and safe maintenance access into one coordinated structure.

01 Columns and beams

Primary support

02 Bracing

Frame stability

03 Component supports

Internal equipment

04 Walkways and platforms

Working access

05 Handrails and ladders

Movement and guarding

06 Fasteners and connections

Assembly details

Structure, internal support and site access

EXISTING FIELD AND PRODUCT IMAGERY



Frame and bracing



Component supports



Maintenance access

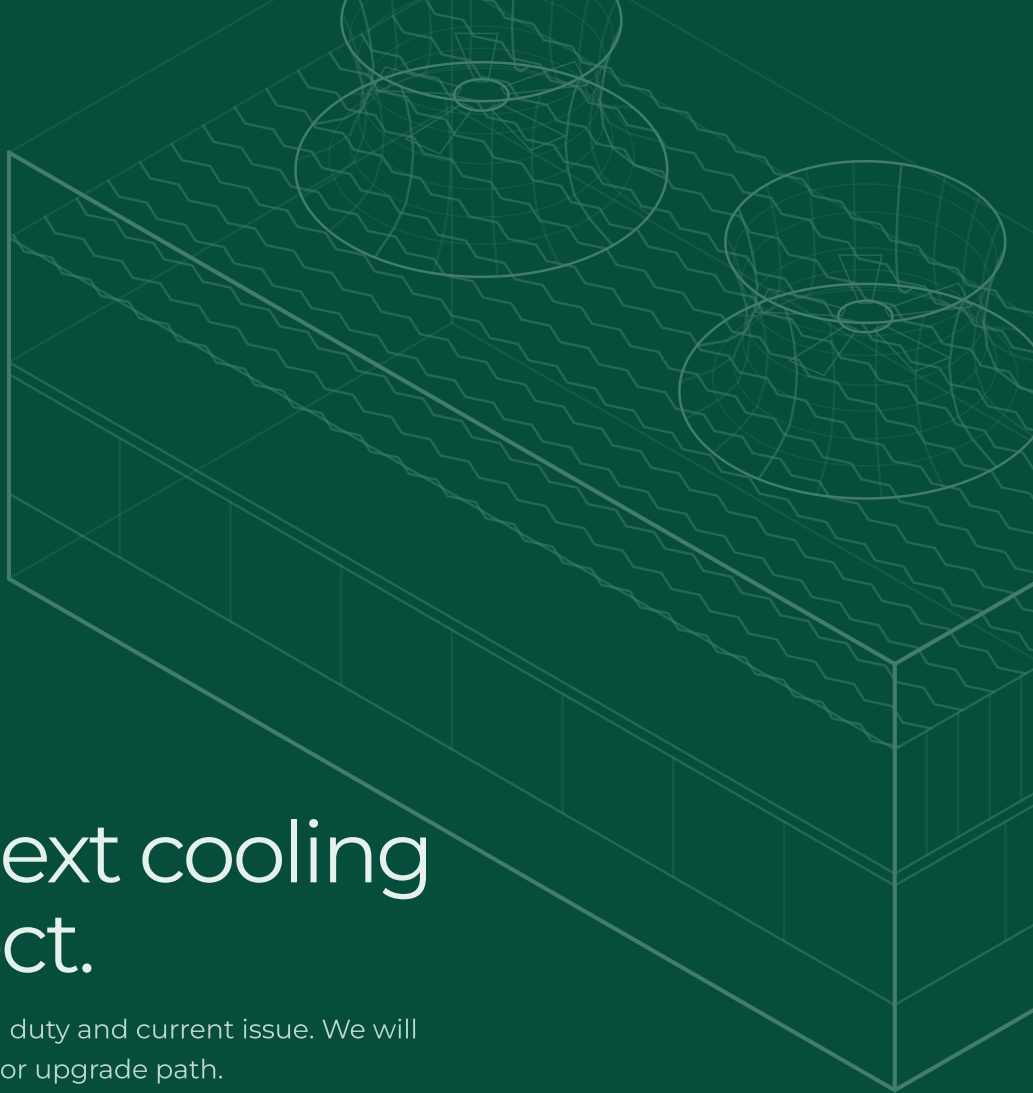
Project selection

Dimensions, laminate construction, resin system, connection details and load requirements are confirmed from site measurement, existing drawings and project-specific structural review.

Define the structure from measured site conditions.

Share existing drawings, dimensions, access needs and site condition so our team can review repair, replacement, upgrade or reconstruction scope.

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CONTINUE THE CONVERSATION

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