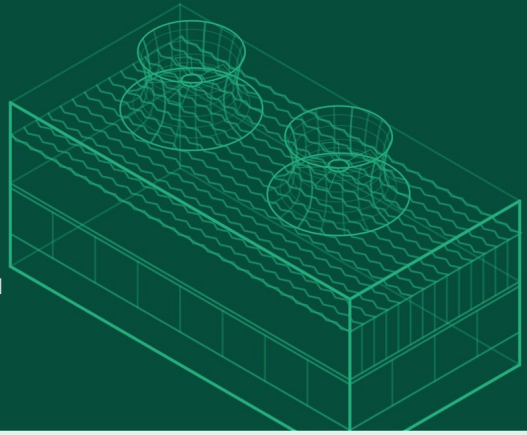
SYNERGY

COOLING TOWER PRODUCT GROUP

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.

Amarillo Gear Company · Dişsan

Fan Assembly

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

axial fans int srl

Drive Shaft

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

REXNORD

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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