

YEW CHOON PTE LTD

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Yew Choon Technology Pte Ltd • Yew Choon Marine Pte Ltd

Sedarya Jasa (M) Sdn Bhd • Siam Yew Choon Co., Ltd.

YEW CHOON

The Onshore & Offshore Heavy Lift Specialist

**INSIDE: Serving
the Oil & Gas,
Petrochemical,
Marine & Power
Generation
Industries.**





Arrival of ship carrying Steam Turbine at port.



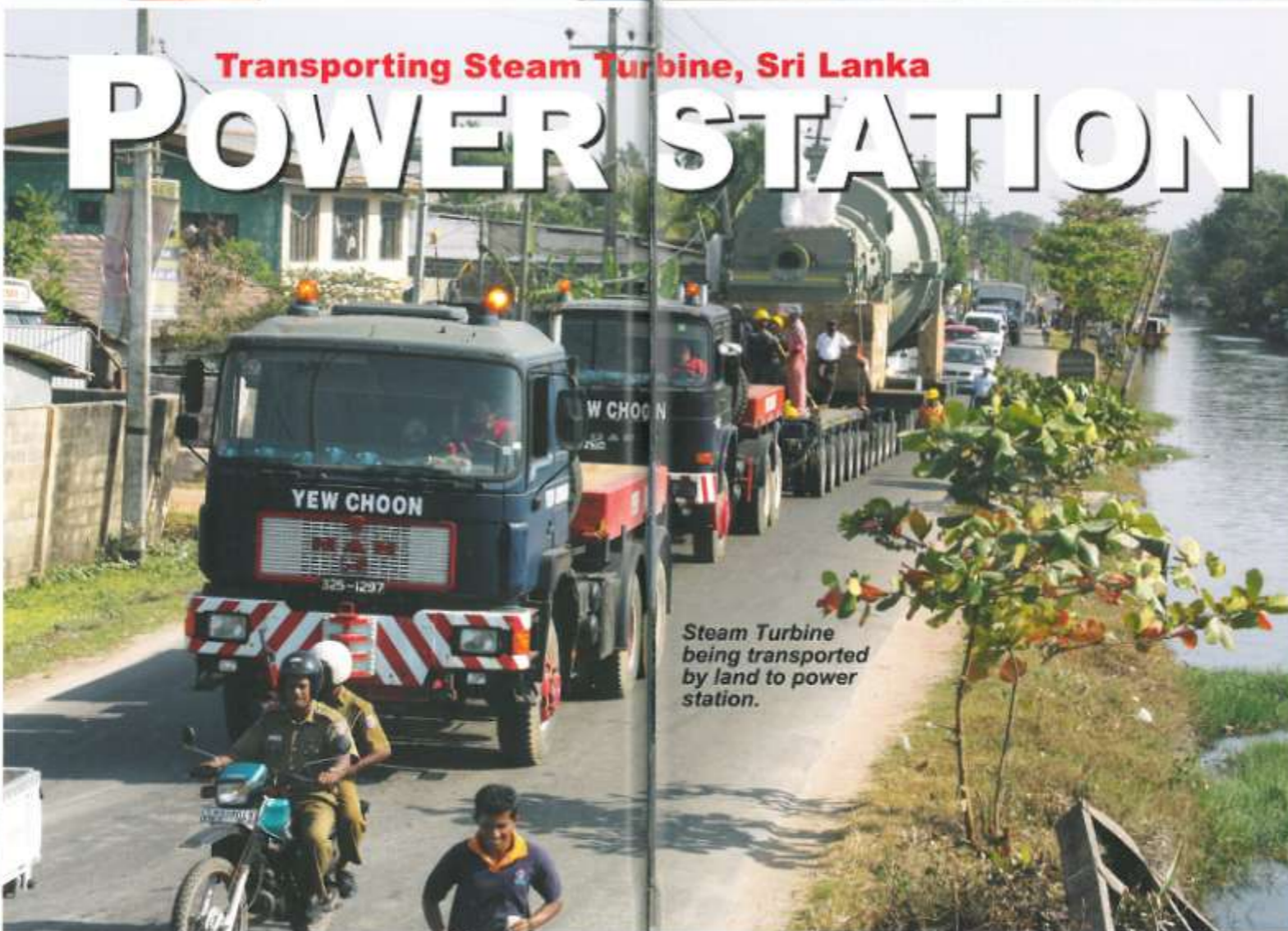
Receiving cargo from ship.



Securing Steam Turbine for next leg of transportation by sea.



Sea transportation of Steam Turbine to rendezvous with pilot craft.



Transporting Steam Turbine, Sri Lanka POWER STATION

Steam Turbine being transported by land to power station.



Pilot tug takes over to navigate waterway.



Arrival at temporary jetty.



Discharging cargo to commence transportation by land.



Lifting overhead cables for height clearance along the way.



Arrival at power station.



Steam Turbine at holding bay.

Riser Gantry Crane onto Barge **LOADING**

Loading Riser Gantry Crane onto barge
at yard in Singapore for sea transportation
to Jurong Port.
Dim. 33.014m x 8.606m x 17.365m
(175 Tons).

THE WAY TO MOVE - SAFETY FIRST

YEW CHOON

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*Shifting of the other Container Gantry Crane at Laem Chabang Port, Thailand.
Dim. 104.35m 27m x 61.97m (720 Tons).*



Container Crane within Port, Thailand
RELOCATE

*Shifting of Container Gantry Crane
at Laem Chabang Port, Thailand.
Dim. 104.35m x 27m x 61.97m
(720 Tons).*

In Shipyard, Singapore SHIFTING

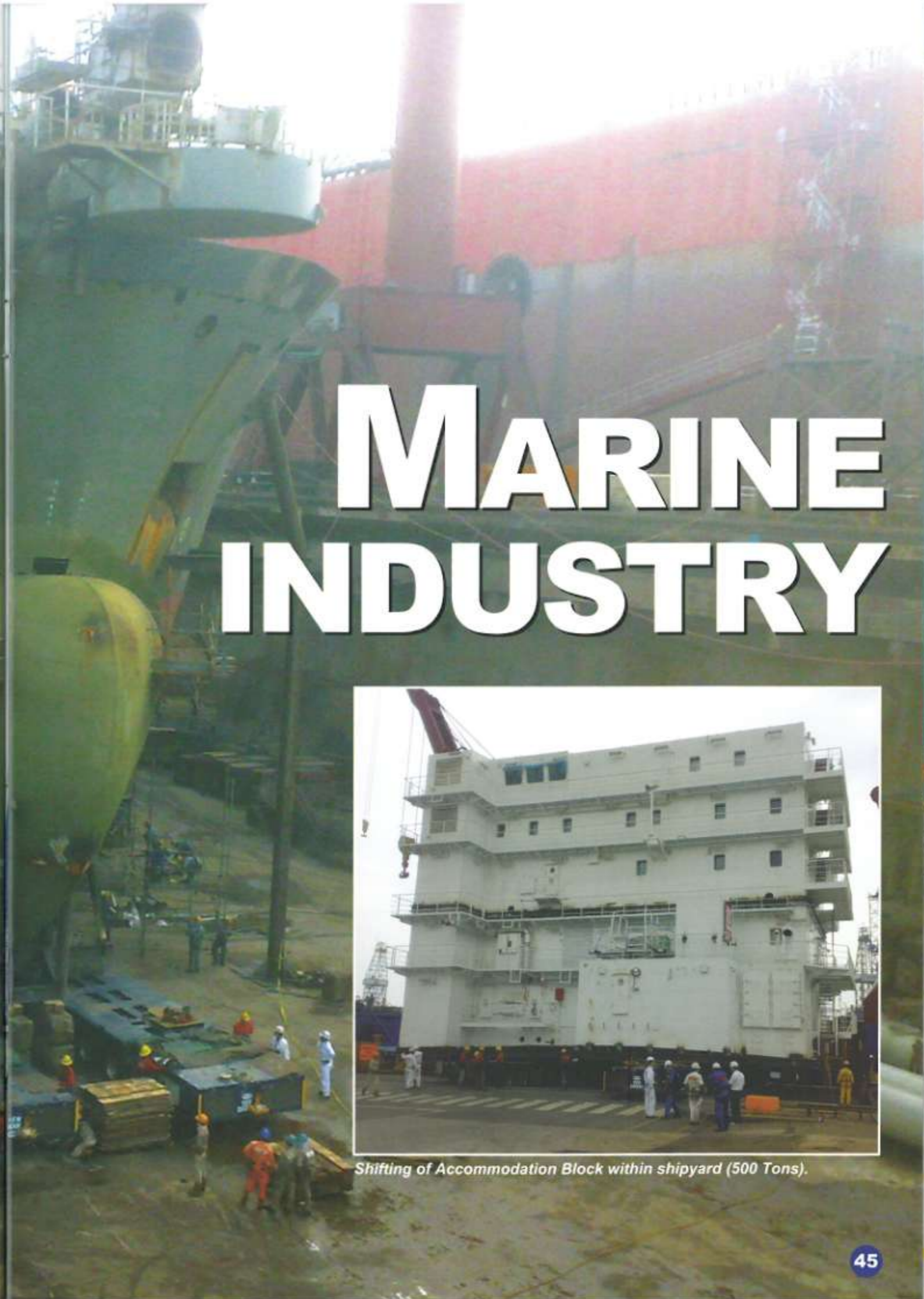


Jacking and shifting of Boat within shipyard.
Dim. 55m x 10m x 10m (350 Tons).





Shifting of Ship Bulbous Bow to drydock in shipyard. Dim. 22m x 20m x 15m (370 Tons).



MARINE INDUSTRY



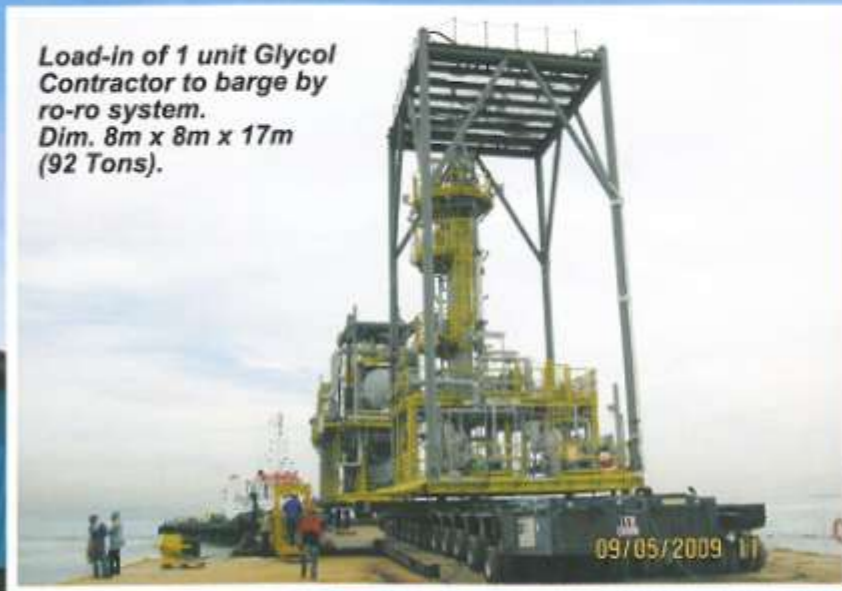
Shifting of Accommodation Block within shipyard (500 Tons).

Stinger.
Dim. 50m x 14.2m x 9.52m
(424 Tons).
Discharge from barge and
shifting to storage area
using 2 units 18-axle lines
side by side Goldhofer
PST trailer.





Shifting 1 unit Separator at fabricator's yard in Batam to be loaded onto barge. Dim. 19m x 8m x 6m (266 Tons).



Load-in of 1 unit Glycol Contractor to barge by ro-ro system. Dim. 8m x 8m x 17m (92 Tons).



After loading, Separator and Glycol Contractor will be shipped to Singapore.





2 units Module being loaded onto barge for sea transportation to Jurong Port.
Dim. 17m x 10.5m x 11.5m (300 Tons) each.



(EPC) Engineering, Procurement & Construction Contractor's Yard, Singapore

LOADING COMPRESSORS



2 units HP Post Dehy Gas Compressor Module being loaded onto barge via ro-ro operation. Dim. 22m x 8.7m x 13.5m (375 Tons) each.



Via Ro-Ro Operation, Batam

LOADING

Shifting and ro-ro of Accommodation Module.
Dim. 51.5m x 32.67m x 19.6m (1,400 Tons).





**Loading of 3 units Legwell in progress for sea transportation to Singapore.
Dim. 8.8m x 20m x 7.7m (160 Tons),
19.6m x 21.5m x 7.7m (220 Tons)
and 19.6m x 21.5m x 7.7m (220 Tons).**



**Load-in of second unit Block by ro-ro system.
Dim. 26.5m x 21.5m x 7.6m (491 Tons).**



**Load-in of first Block.
Dim. 8.84m x 20.27m x 7.78m (216.16 Tons).**



**Load-in of second Block.
Dim. 22.4m x 21m x 7.78m (218.39 Tons).**

**Another successful operation with 2 units Block loaded.
Dim. 26.5m x 21.5m x 7.6m (491 Tons) each.**



**All 3 Blocks successfully loaded onto the barge from the beach landing.
Last Block
Dim. 22.4m x 21m x 7.78m (223.39 Tons).**

When no jetty is available, Thailand 'BEACHING' OPERATION



Load-in of cargo onto barge by ro-ro system at temporary landing point.
Dim. 35.1m x 14.05m x 7.7m (350 Tons)



Another view of the same cargo being loaded.



Loading another cargo to barge via ro-ro operation.
Dim. 35.1m x 24.7m x 7.7m (785 Tons)



Ready for sea transportation to Singapore.



From Fabrication Yard to Heavylift Vessel

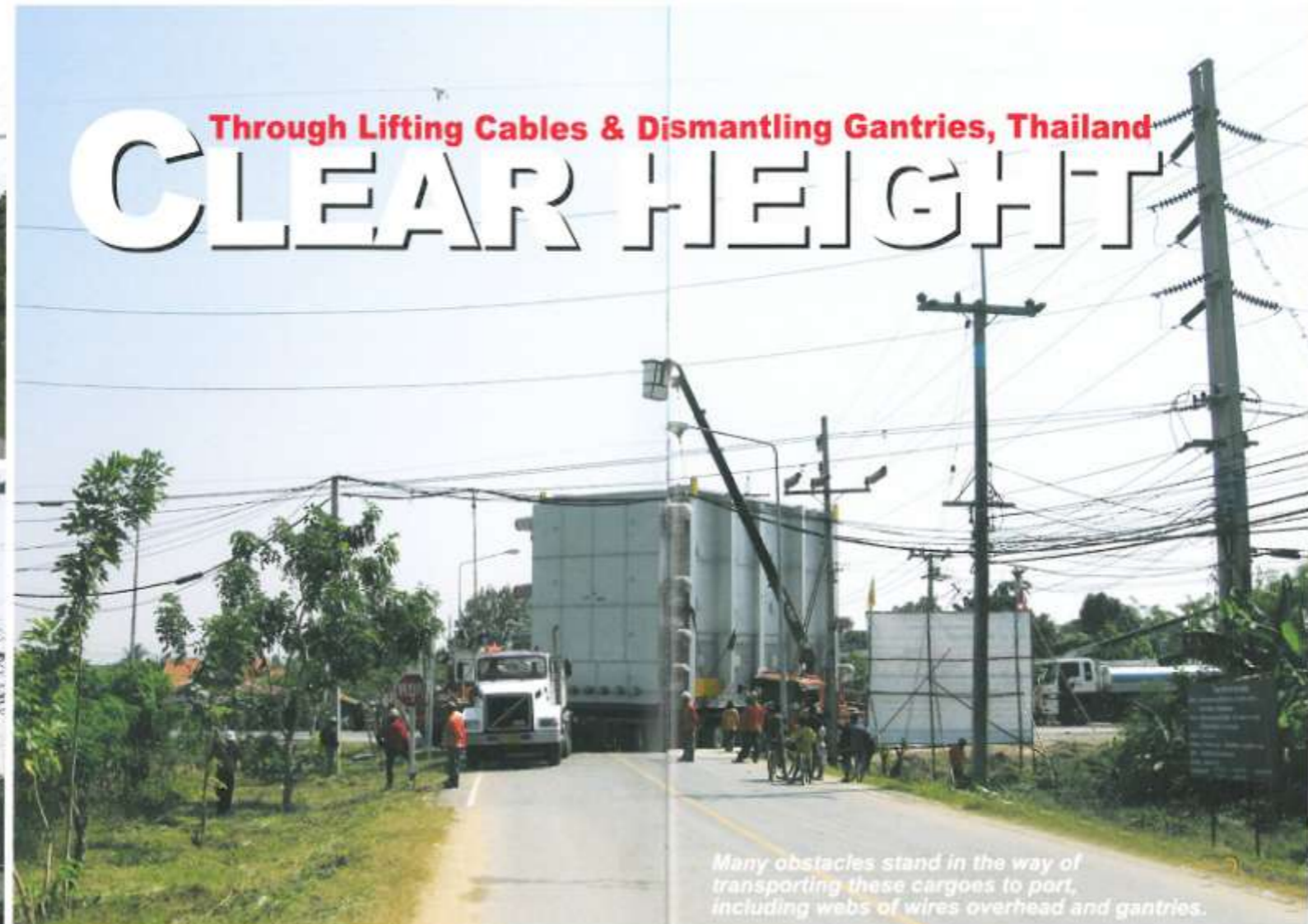
LAND TRANSPORT

Module.
Dim. 37.6m x 9.3m x 12.5m.



Through Lifting Cables & Dismantling Gantries, Thailand

CLEAR HEIGHT



Many obstacles stand in the way of transporting these cargoes to port, including webs of wires overhead and gantries.

YEW CHOON DELIVERS

One of the biggest transportation jobs ever handled by Yew Choon, it entails retrieving an assortment of 168 cargoes from 3 locations in Thailand and transporting them by land and sea to Sattahip Port to be shipped to destination.



Land transportation of Heater,
Dim. 7.5m x 150m x 79m (90 Tons).



Loading Heaters to barge for sea
transportation to Sattahip Port, Thailand.

Sea transportation of Toluene Column from fabricator's yard in Singapore to Jurong Island.
Dim. 66.85m x 7.73m x 5.73m
(368.83 Tons)



Load-in of another Toluene Column to barge via ro-ro operation.
Dim. 53.35m x 7.73m x 5.63m
(285.13 Tons).



Discharging 1 unit Reactor from barge at Yew Choon yard for land transportation to site.
Dim. 35.06m x 5.03m x 5.1m
(213 Tons).



Oil & Gas INDUSTRY

Loading onto Barge



*1 unit Reactor being transported by land to site.
Dim. 35.06m x 5.03m x 5.1m (213 Tons).*

*Toluene Column being loaded
onto barge by ro-ro system.
Dim. 66.85m x 7.73m x 5.73m
(368.3 Tons).*





*Discharging Purge Bin from barge.
Dim. 46.89m x 7.10m x 7.22m
(199.5 Tons).*



*Load-out of Reactor from barge at
Banyan Jetty, Jurong Island.
Dim. 43.25m x 8.93m x 9.07m
(454.42 Tons).*





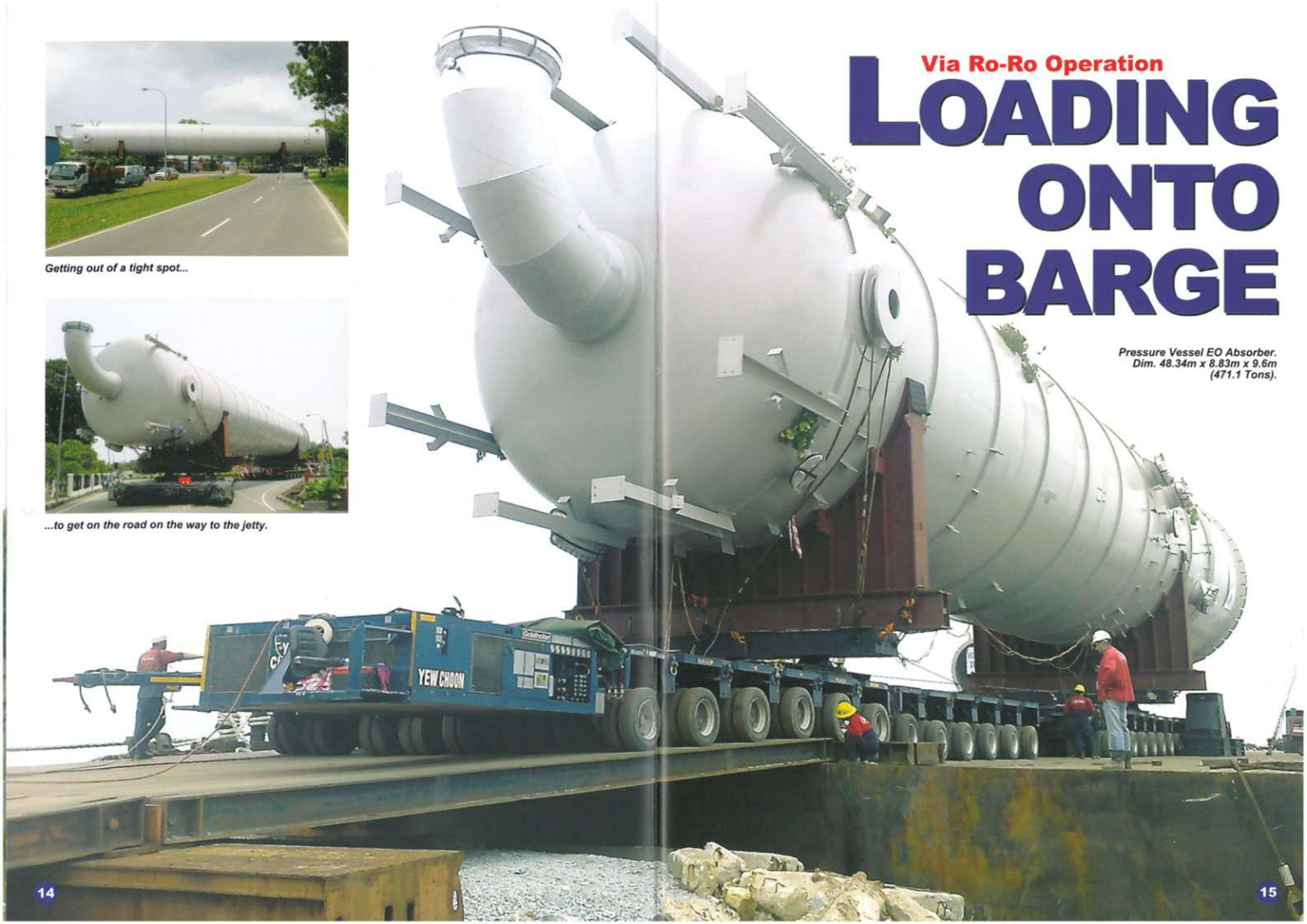
Getting out of a tight spot...



...to get on the road on the way to the jetty.

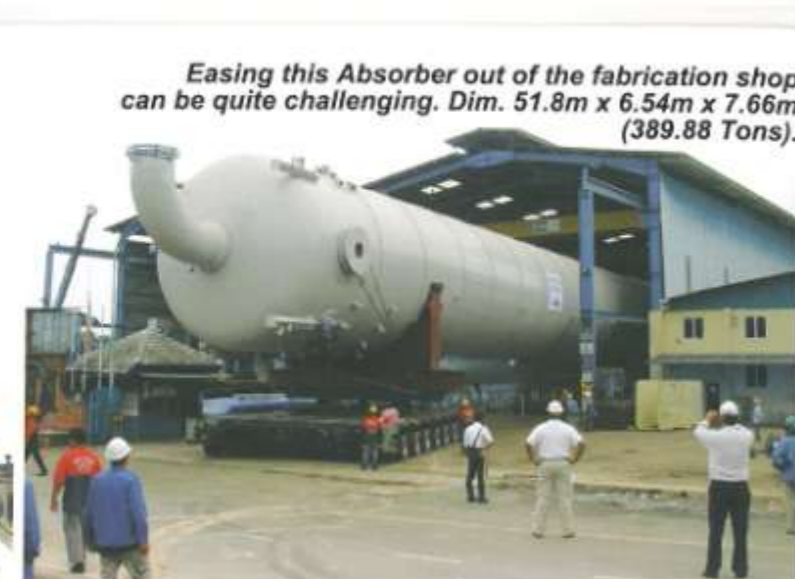
Via Ro-Ro Operation LOADING ONTO BARGE

Pressure Vessel EO Absorber.
Dim. 48.34m x 8.83m x 9.6m
(471.1 Tons).

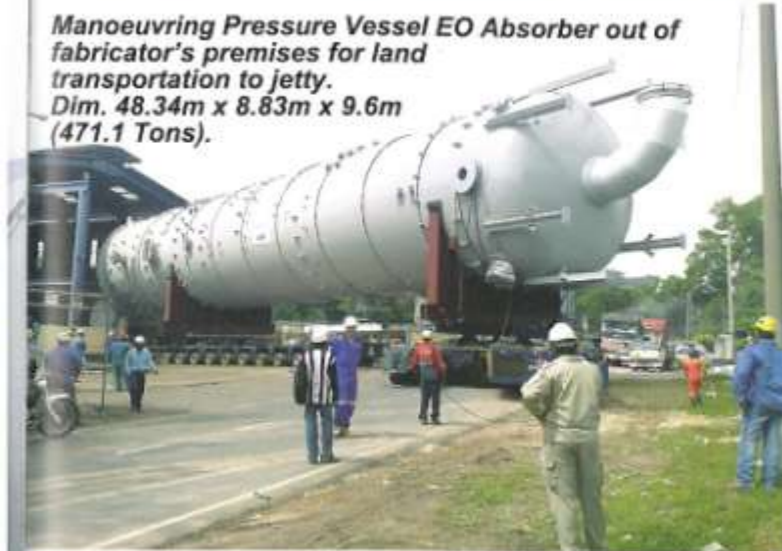




**Loading Pressure Vessel CO2 Stripper/
Carbonate Flasher to barge by ro-ro system.
Dim. 63.08m x 5m x 6.07m (167.73 Tons).**



**Easing this Absorber out of the fabrication shop
can be quite challenging. Dim. 51.8m x 6.54m x 7.66m
(389.88 Tons).**



**Manoeuvring Pressure Vessel EO Absorber out of
fabricator's premises for land
transportation to jetty.
Dim. 48.34m x 8.83m x 9.6m
(471.1 Tons).**



**Pressure Vessel EO Absorber
enroute to jetty in Malaysia.
Dim. 48.34m x 8.83m x 9.6m
(471.1 Tons).**



**Pressure Vessel
CO2 Absorber on
the road to jetty for
sea transportation
to Singapore.**



**Loading Pressure Vessel EO Absorber
onto barge by ro-ro system. Dim. 48.34m x 8.83m x 9.6m
(471.1 Tons).**



**Arrival of Pressure Vessel
CO2 Absorber for loading
to barge. Dim. 51.8m x
6.54m x 7.66m
(389.88 Tons).**



**Land transportation of Pressure Vessel
EO Concentrator to jetty.
Dim. 61.71m x 8.2m x 6.63m
(202.8 Tons).**



**Pressure Vessel CO2 Stripper/Carbonate Flasher
being transported to jetty.
Dim. 63.08m x 5m x 6.07m
(167.73 Tons).**

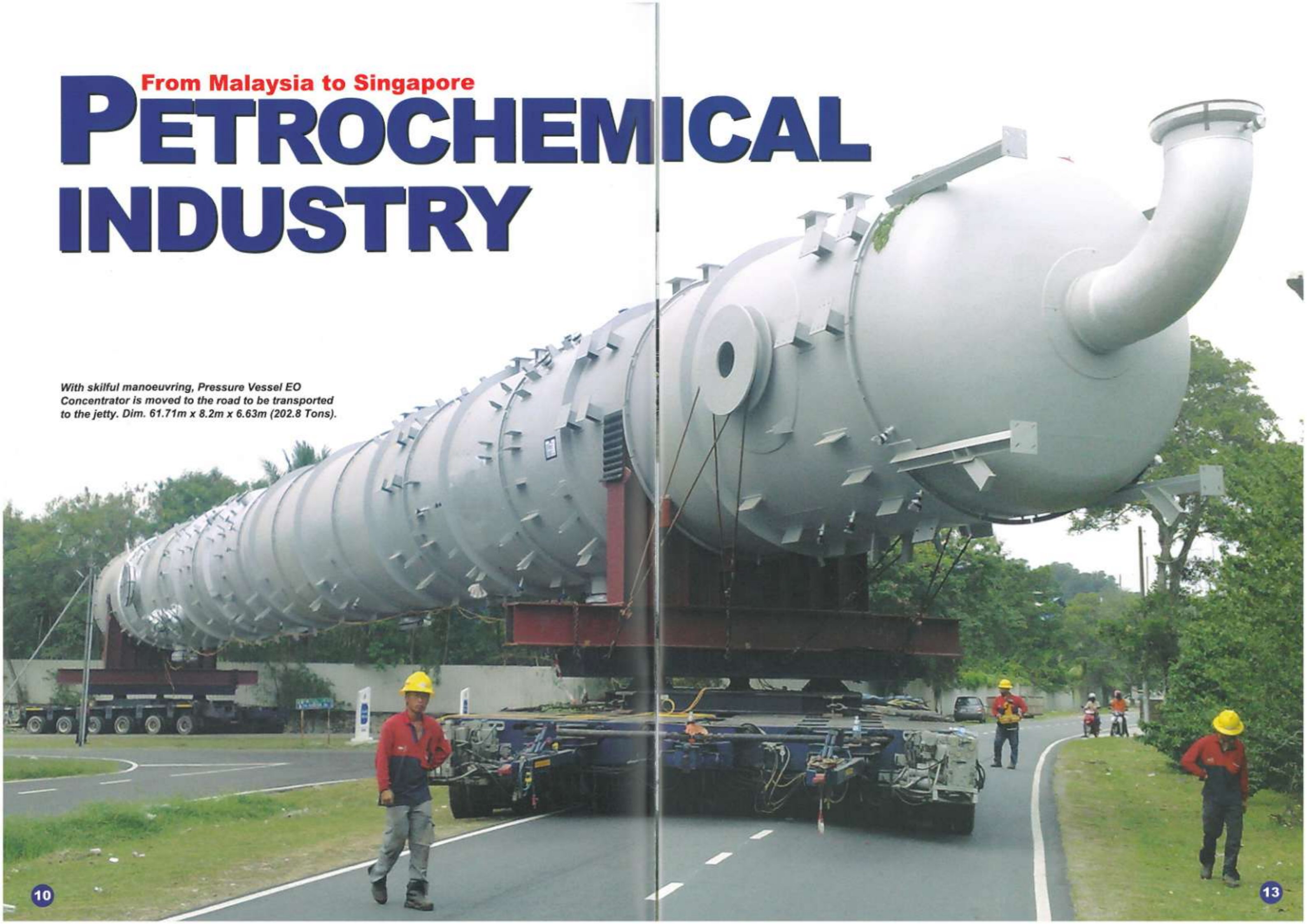


**Loading of Pressure Vessel EO Concentrator to barge by
ro-ro system. Dim. 61.71m x 8.2m x 6.63m (202.8 Tons).
Already loaded is Pressure Vessel MEG Purification
Column. Dim. 40.7m x 8.2m x 7.93m (165.3 Tons).**

From Malaysia to Singapore

PETROCHEMICAL INDUSTRY

With skilful manoeuvring, Pressure Vessel EO Concentrator is moved to the road to be transported to the jetty. Dim. 61.71m x 8.2m x 6.63m (202.8 Tons).



Handling of 145 units PAR Modules, weight from 10 - 280 Tons by 600 Tons crawler crane, 30-axleline PST Goldhofer and barging.



Singapore Parallel Train Project (Petrochemicals Plant)

SPT PROJECT





Singapore

Mono-Ethylene Glycol

CRANAGE MEG PLANT



One-Stop Solution Provider for Heavy Lift

TRANSPORTATION



Spreader beam testing with 4-Point lift system, 1100 Tons capacity.

As an integrated onshore and offshore heavy lift transportation specialist, Yew Choon has the experience in multi-modal conveyance, through various types of demanding terrain and waterways in Asia. Its own fleet of self-propelled hydraulic trailers, barges, tugs, cranes, skidding and jacking systems makes Yew Choon a one-stop transportation solution provider.

Serving customers from the oil & gas, petrochemical, marine and power generation industries, many of whom are Engineering, Procurement, Construction contractors, Yew Choon provides lifting, transportation, installation and positioning of oversized heavy loads such as gas turbines, power plant generating sets, transformers, heat exchangers, absorbers, reactors, turret buoys and FPSO process modules.

Prior to the commencement of transporting huge and heavy loads overseas, the engineering team will conduct

in-depth studies with site surveys of route and roads in the trajectory, simulation exercises, method analysis, barge studies, dock and ramp design, alternative transport evaluation, strength calculations, devising back-up plans and proposing the most efficient modes and routes of transport. Design engineers at Yew Choon are well-versed in Motion Analysis and can advise customers on the subject, which is the study of a vessel's motion and stability when experiencing heavy lift cargo shifting at sea. Thereafter, they undertake design, detail fabrication and install appropriate sea fastenings for the voyage. Yew Choon barges come with seawater ballasting capability to improve stability or lower the cargo's height profile when necessary, for clearing bridges along the river route.

Preliminary engineering, meticulous planning and personal supervision of each contract help to ensure safe delivery with minimum down-time.



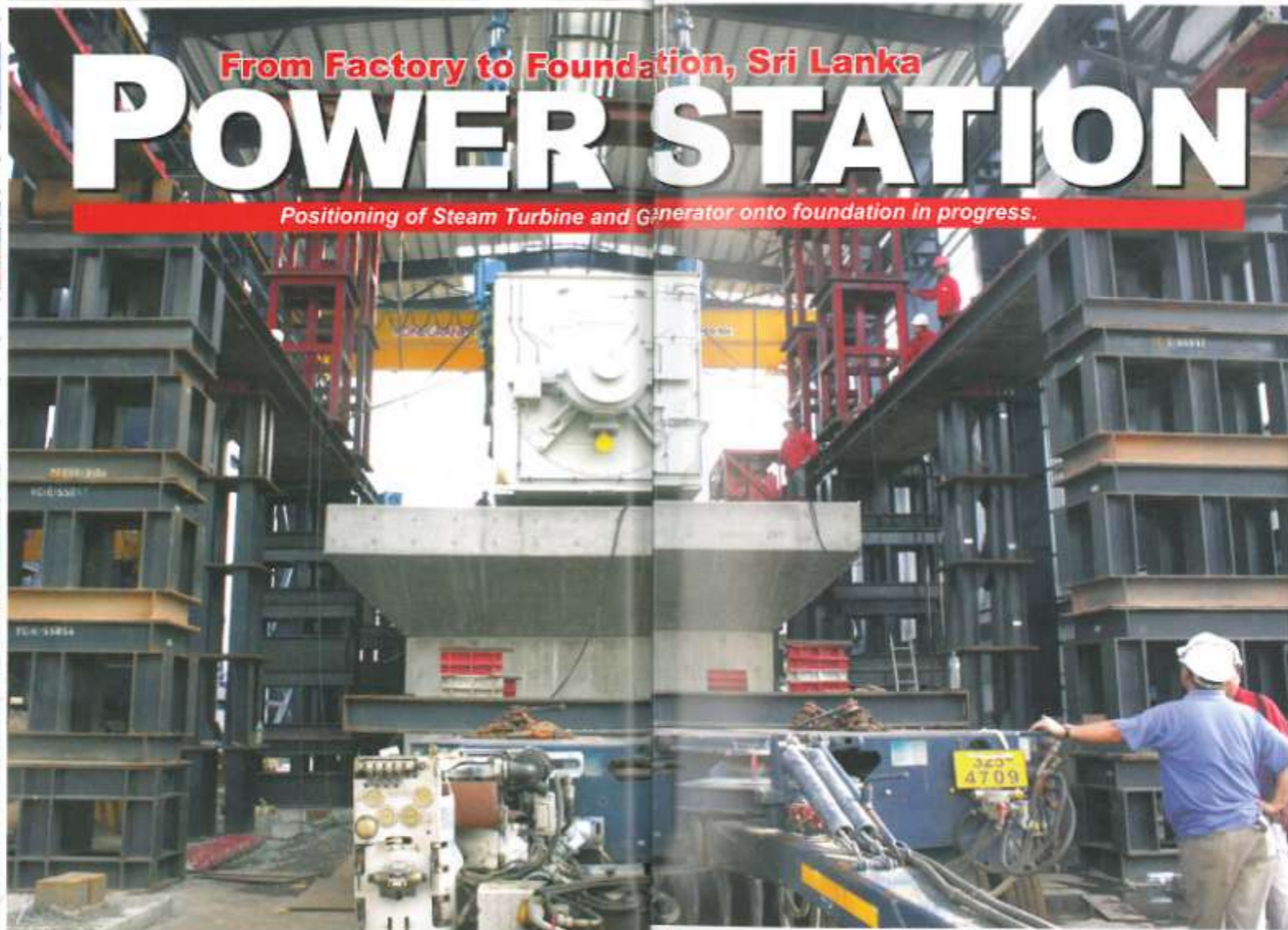
Cranes from 50 Tons - 650 Tons capacity.

MAN heavy-duty prime mover.



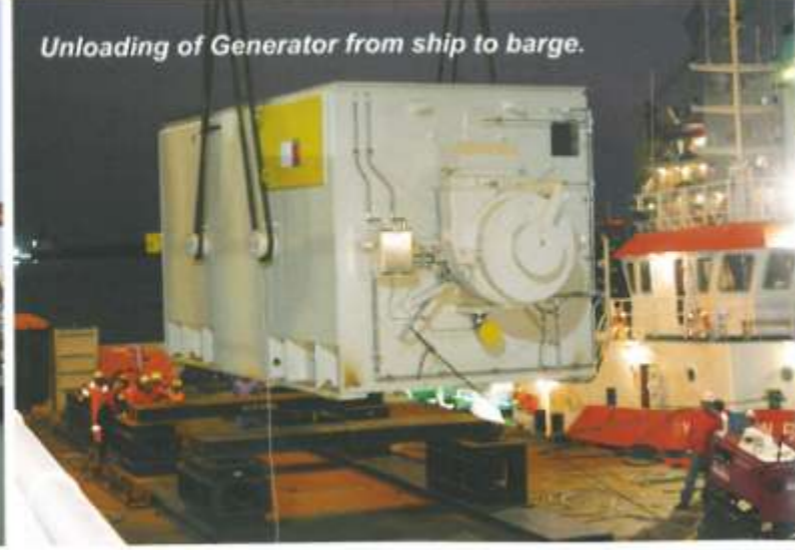
Heavy-duty deck barge with seawater ballasting capability, most suitable for ro-ro operations.







Ship carrying Generator arrives.



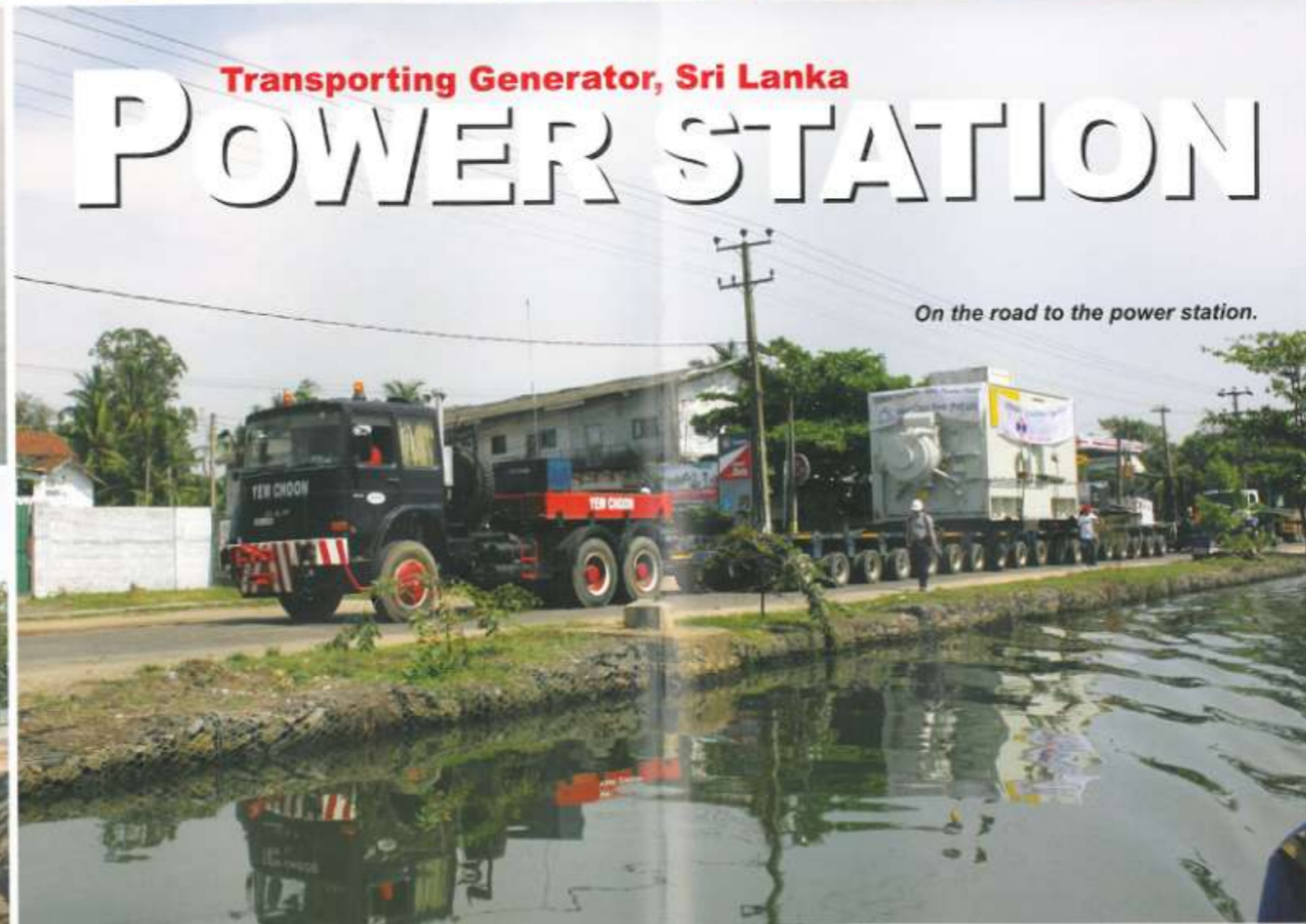
Unloading of Generator from ship to barge.



With the cargo received, the barge is ready to be towed to destination.



Sea transportation of Generator.



Transporting Generator, Sri Lanka POWER STATION

On the road to the power station.



Arrival at temporary jetty.



Discharging Generator to be transported by land to power station.



Be extra careful when road narrows.



Arrival of Generator at power station.



Kept at holding bay.