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### move anything, no matter how large or heavy. **green gives you the power.**

Our years of experience handling over-dimensional and over-weight cargo mean that your project is in excellent hands. We have expert staff who liaise with your engineers and project managers to determine cost-effective ways to move your cargo. We work extensively with you, your factory, and the job site to ensure smooth project execution.

### core competencies

- Power generation equipment
- Paper and pulp-making equipment
- Cranes and hoists
- Marine equipment
- Industrial presses

### Nine evaporator vessels from Zhangjiagang to a Florida paper mill using a self-geared heavy lift ship

The largest of the vessels measured 2179 x 733 x 775 cm and the heaviest weighed 126 metric tons. The cargo was discharged directly onto two deck barges using ship's gear and transported down the St. Johns River. Using a barge-mounted crane the vessels were transferred to a 10-line Goldhofer configuration pulled by "Big Mike" and delivered to the plant directly under the erection crane hook in the sequence needed, so the receiver made only one pick for each vessel.









#### Azipod and parts from Italy to Houston for repair

The main thruster, weighing 361,500 lbs / 164 metric tons and measuring 26-ft 7-in / 810 cm tall was discharged by floating crane onto a 10-line hydraulic platform trailer, hauled to the repair facility, placed on stands and subsequently jacked down onto sets of industrial rollers for placement inside the building.



Over a period of five months, with tight delivery schedules, the three generators, each weighing more than 674,000 lbs / 305 metric tons, were loaded on container ships. The generators shipped in three separate lots and were loaded by the 350-ton barge-mounted crane, Samson, onto a bed of 40-ft flat racks on board the container vessels.

### Multiple break bulk and containerized shipments from Houston and Norfolk to a power plant in Korea











### Transporting a kiln from Kentucky to a chemical waste plant in Arkansas

The height (17-ft / 518 cm) and weight (267,500 lbs / 121,300 kg) of the kiln required the use of a truck and barge combination. To reduce height, modifications were made to the shipping saddles allowing the use of a suspension beam trailer. The kiln was trucked to a local barge terminal, rolled on board and secured, then barged up the Ouachita River. A few days of civil work were required to roll-off from the barge and move the last 25 miles to the plant.















#### Delivering a 1,850-ton stamping press from Germany to Indiana

Cargo was routed via the port of Burns Harbor and trucked to the plant for installation, except for the crown and bed, which were direct discharged onto railcar and taken to a spur near the plant. There they were offloaded using a gantry crane system onto a 2 x 6-line hydraulic platform trailer configuration. At the site the units were reloaded again onto the rear of the platform trailer because of space constraints inside the installation building.







### Eighteen generator sets and 150 truck loads of auxiliary parts for a Texas power plant

The 151-ton gensets were moved by rail to a suitable siding, transloaded onto an 8-line hydraulic platform trailer using gantry cranes, and trucked to their destinations. At the power plant, the gensets were

off-loaded using a hydraulic jack and skid system, positioned over their respective foundations, and jacked down to a rough set position.

### Multiple shipments from northern Europe for a biomass-fueled power plant in Wisconsin

Due to the dimensions of the cargo, more than 18 ft / 550 cm wide and high, the main shipment was routed via the Port of Milwaukee. A detailed feasibility study, prepared months in advance, identified all overhead obstructions and established the transportation plan needed to obtain permits.





Windmill equipment from Tianjin, China via the Port of Houston to a job site in Wisconsin





### Disc dryer shipped from Scandinavia to the US, then transported on a 19-axle truck to a poultry plant in Delaware

The logistics of moving this 100-ton (220,000 lbs) component required extensive planning and coordination due to very limited space at the construction site.



### Paper dryer on two 6-line hydraulic platform trailers

Weighing in at 185,000 lbs, a central bed extension was required to keep the 17.5-ft height at a minimum for the 25-mile route to the port. Local and state police as well as numerous bucket trucks from various utility companies escorted the load.



## services

Air Freight Barge Cargo Survey Consulting Customs Clearance **Feasibility Studies** Heavy lift Loading/Discharge Supervision Materials and Inventory Management Ocean Freight Packing and Warehousing **Rigging and Crane Services** Ro/Ro Road Transport **Route Surveys** Specialized Rail Services Supply Chain Visibility Vessel Charter



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