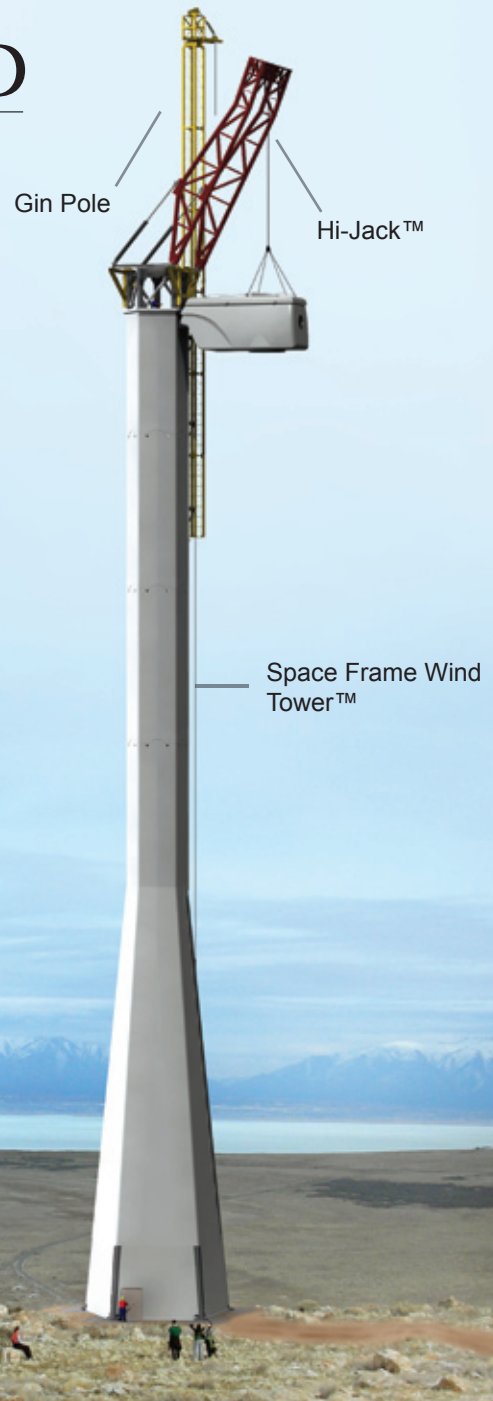




# WASATCH WIND

Tower Systems and Wind Development



## The Hi-Jack™ System\*

*Enabling wind projects in places you've only imagined...*

Are you held hostage to the high cost and limited availability of crawler cranes for turbine installation and maintenance? Well no more with the Hi-Jack™ System. Lower cost installations in difficult locations are now possible via 3 key subcomponents:

- **The Space Frame Wind Tower™** – Wasatch Wind's 40% lighter, on site assembled tower to meet the critical weight limits of self installation.
- **The Gin Pole** – Used in the broadcast tower installation business for generations and now modified to climb and build Space Frame wind towers to any height.
- **The Hi-Jack™** – A hydraulically driven, simple steel frame meeting the low weight limits of Gin Pole lifting capabilities but able to lift the heaviest turbine components.

Although nimble, light, and shipped with ease, the Hi-Jack™ System is no lightweight. Capable of lifting the heaviest 1 to 2.5 MW turbines, the Hi-Jack™ is ready today. With double redundant safety systems, the Hi-Jack™ provides the convenience and safety you've long awaited.



Crawler Crane

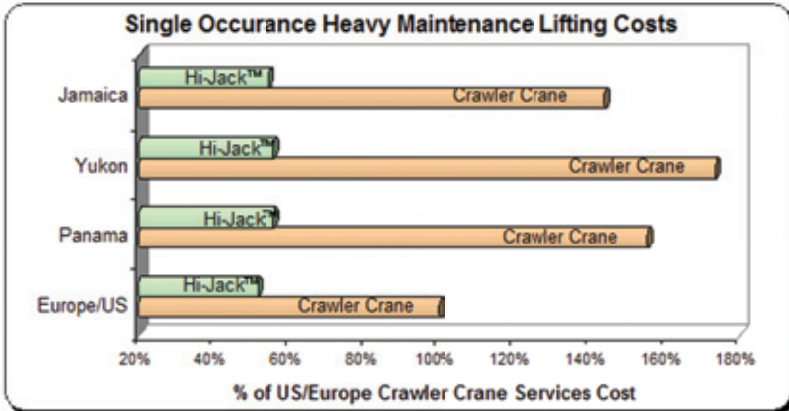
Installation of MW class turbines is often hindered by the excessive costs of large cranes. For small farms and difficult locations, mobilization/demobilization efforts can exceed 10% of project costs. Further, in remote locations, the scarcity of crawler cranes for major component repair exposes projects to unacceptable economic risk. The Hi-Jack™ is rapidly deployable anywhere in the world with minimal effort at a cost that is easy on the budget. In fact, the Hi-Jack™ System is so cost effective, that project owners are keeping Hi-Jack™ Systems on wind farm sites as a convenient maintenance risk mitigator.

## Hi-Jack™ System



\* patent pending

Long distance transport, difficult logistics, road and bridge limits, overhead clearances and crane scarcity are no longer a costly problem.



## ADVANTAGES of the Hi-Jack™ System:

- **Small and remote wind farms** are now financially feasible due to an 80% reduction in crane mobilization costs for erection and maintenance.
- **Difficult sites** requiring multiple crane teardowns will no longer reduce project margin points. The Hi-Jack™ System is transported between turbines on standard flatbed trucks, and due to its small size typically is moved in an assembled state.
- **Taller towers** are no longer tied to crane capacity. The Hi-Jack™ System erects 100m tower and turbine systems as easily as 80m. Combined with the economics of the Space Frame tower, 100m height revenue gains are now financially justified.
- **Turbine heavy-maintenance** lifting expenses are reduced over 50% per incident. It no longer makes sense to idle turbines and lose revenue while waiting for multiple failures to justify high crane deployment costs.



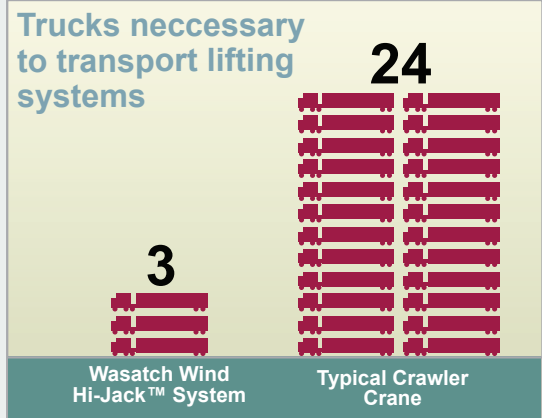
Remote and difficult locations.



Gin pole in action.



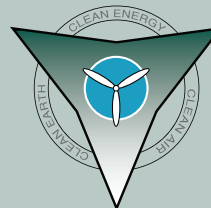
All components are shipped on standard trucks or overseas containers.



*“Our Tonga project was not financially feasible due to the high cost of deploying large cranes to the South Pacific, but now we can build it”*

*–Tuituiohu, South Pacific Project Coordinator*

Contact us today to learn how the Hi-Jack™ System can expand your project portfolio and reduce your heavy maintenance worries.



**WASATCH WIND**

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Wasatch Wind, Inc  
357 West 910 South, Suite A  
Heber City, Utah 84032  
U.S.A.

(435) 657-2550  
info@wasatchwind.com  
www.wasatchwind.com