

PROJECT PROFILE



Equipment Express is a freight transport company that specializes in oversize and custom loads. When breaking into the fast growing wind energy industry they were faced with many new challenges in transporting the 15' dia, 80' long, 65 ton tower sections both across Canada and the USA. To address these issues Equipment Express contacted RIG. Their idea was to convert an existing multi-axle gooseneck trailers into something suitable for the job. Equipment Express tabled their ideas as well as a list of requirements for the design. At a collaborative kick-off meeting it was determined that the trailer had to be light as they were already close to the maximum allowable axle loading with the cargo. Also this trailer needed to be capable of loading and unloading itself as destination sites were unlikely to have large lifting devices.

Additionally the trailer had to be able to raise and lower itself in transit to accommodate obstacles on the road or overhead. Finally the trailer needed to collapse down to an acceptable size for running empty. With criteria established we commenced design using 3D modeling. Upon customer approval we generated shop drawings and began fabrication. Shop fabrication went quickly and smoothly with prototype modelling offering a preview of the end product. The majority of the welding was multi-pass and required pre-heating due to material thickness and type. Some of the larger welds were 2" fillets on QT100 plate. After a successful welding inspection the trailer was inspected and approved by the customer. Five trailers have now been modified and operating for over three years, successfully and safely transporting hundreds of loads many thousands of miles.



Resource Industrial Group Inc. / 1-888-776-6637 / www.resourceindustrial.com

CUSTOMER
Equipment Express

PROJECT
Schnabel trailers

LOCATION
Ayr, ON



Resource Industrial Group.