



INGERSOLL RAND DEDICATED MAN RIDER WINCH

PSSI partners with the market-leading company to design a new product for improved safety

Background:

A large offshore drilling contractor had a fatal incident on a drilling rig. The incident was determined to be operator error, but safer option was needed. The incident occurred when an operator was lifting personnel with a pneumatic winch that was designed for lifting heavy material. At the time this was a common practice in the industry.

Unfortunately, in this case the operator lost line of sight with person they were lifting, and a fatality occurred.

Challenge: Reduction in Hand Injuries

Create a product with the needed safety features that would reduce the potential for operator error and personal injuries.

Solution and Results:

PSSI and Ingersoll Rand reviewed the incident with the customer and designed a new product. In interviewing the customer, it was determined that they would prefer to have a dedicated lifting product that was designed to lift a worker and a set of tools. PSSI's technical expertise and knowledge of the application allowed them to make design suggestions that Ingersoll Rand had not considered. The result was a new product that was a dedicated man rider winch. The product has a long list of safety features that protect the worker from several potential dangers. The dedicated man rider winch is today the largest selling product in the Ingersoll Rand portfolio and PSSI is the largest distributor of this product in the world.
