

Thern

Product Application

Petrochemical



Thern BIG RED Air Winches a Big Deal on Oil Rigs



The winches are used to lift sections of drill pipe into position atop the drill assembly.



A worker operates a new TA series air winch.

The Thern TA series BIG RED air winches continue to gain in popularity in a variety of industrial markets. Among the various applications that the TA Series BIG RED winches are being used for are jobs within the petrochemical industry along the Gulf Coast of the United States, a market with the potential for strong future expansion.

Recently a small oil-drilling company in Louisiana purchased a TA2-24MX1 unit to be used as part of a small, land-based rig operation used for drilling new

oil wells. In this capacity the winch aids in the pulling and placement of drill-pipe sections. The winch finds itself filling a critical role, continuously feeding segments of pipe to the top of the drill shaft as a new well is steadily drilled into the ground. This process continues until oil is reached and the new well is capped for future oil extraction. Additionally, the winch assists with general rig operations, satisfying a basic utility role by lifting and moving various pieces of rig equipment during setup and teardown.





The TA series winch provides all the necessary capabilities required for operating this type of small rig. Its reliable features, such as precision operation with steady line speed and manual brake control, make it an ideal choice for this type of work and environment. The BIG RED air winch also provides a safe and convenient option for the petrochemical industry with its air driven system, which provides an extra margin of safety for the hazardous environments common to the industry while effectively providing the necessary power for lifting and pulling tasks.

Response to the TA series BIG RED air winches in this industry has been positive due to its outstanding performance and reliability. As of this writing, this Louisiana operator has purchased their second TA2-24MX1 unit for use on their rigs. Our air winches promise to continue expanding Thern's reputation as an industry leader providing quality winches.

A mobile rig like the one above was the testing site for one of Thern's new TA series air winch.

APPLICATION DETAILS

Lifting or pulling:	Lifting and Pulling
Line pull required:	4000 lb
Line Speed required:	30 fpm
Travel distance of load:	150 feet
Power source:	Air
Frequency of operation:	Continuous

