

**NEW!**

## Hydraulic Winches

1000 to 100000 lb (455 to 45450 kg) capacity



**The IR line of hydraulic winches incorporates over 150 years of the combined engineering and manufacturing experience of Beebe International and the original Ingersoll-Rand line of products.**

IR's hydraulic winches utilize both the advanced design of our new Fulcrum winches and the time proven engineering of our Force 5 series. A hydraulic motor and hydraulically released brakes replace the standard air components. These winches can be provided with a compact skid-mounted hydraulic power pack which can include gas, diesel or electric motors, variable displacement pumps, oil reservoir, heat exchanger, filters and controls. These models offer improved load control, quick response and energy efficiency resulting in operating cost savings.



*FH10 with hydraulic Accu-Spool*



*FH10 hydraulic winch used for automated drill pipe handling system*

### ■ **Optional configurations include:**

- Fixed and variable displacement motors available in vane, piston and gear configurations
- Brake choices include automatic disc and drum type devices
- A wide variety of gear ratios and motor horsepower coupled with variable displacement pumps and motors provide a broad range of line pull and line speed combinations.
- Extensive array of drum lengths and flange heights
- IR offers the expertise to incorporate complete control packages for each solution, from a simple local throttle valve to a completely integrated control system.
- Hydraulic power units are built to industry standards or customer supplied specifications.



*FH1BMR-SMK1G Man Rider winch*



*FH5, 5000 lb decoking winch*

**NEW!**

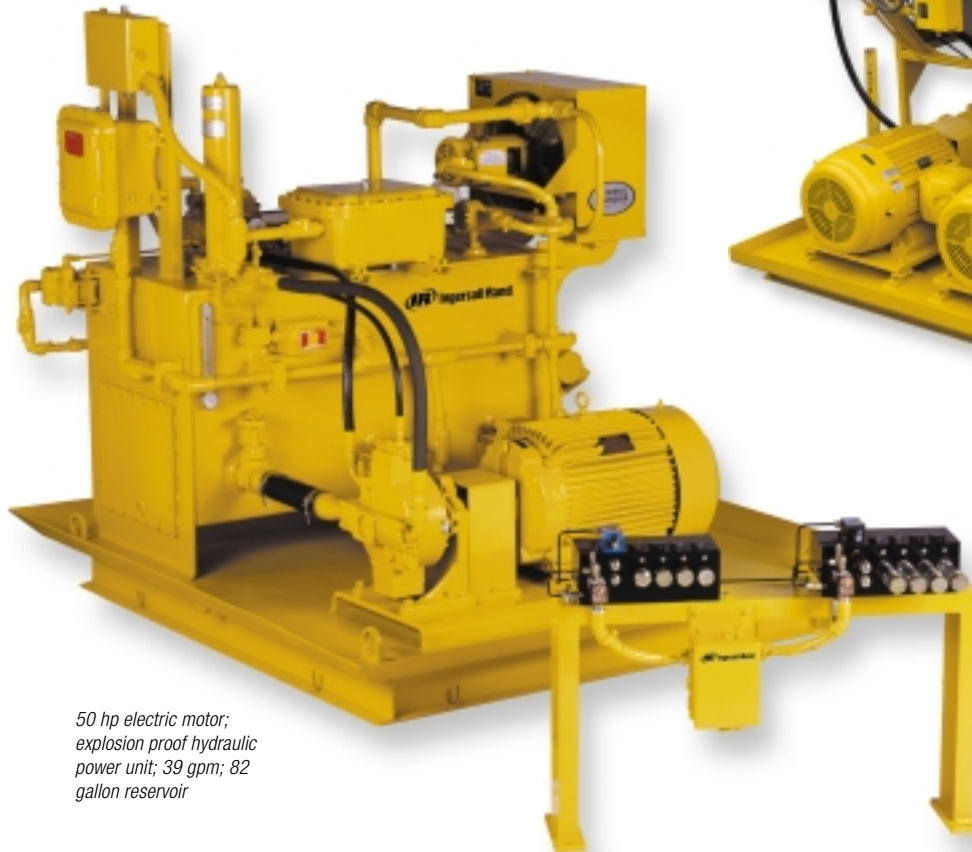
## **Hydraulic Winches** **1000 to 100000 lb (455 to 45450 kg) capacity**



### ■ **Power unit:**

- Each IR hydraulic power unit is skid mounted incorporating an electric motor, with a fixed or variable displacement pump, an oil reservoir, a heat exchanger, filters and controls.
- IR's hydraulic power units can be built to industry standard specifications or custom built to your specifications.

*Hydraulic power unit incorporating twin 75 hp explosion proof electric motors, each powering its own 68 gpm variable displacement pump with common 210 gallon reservoir*



*50 hp electric motor;  
explosion proof hydraulic  
power unit; 39 gpm; 82  
gallon reservoir*

**IR excels in providing complete system solutions, from upfront engineering through system installation and testing. IR provides the appropriate technological experience to bring together your lifting, pulling, tensioning, and material handling solutions.**