

Wireline Skid Unit

■ Introduction

Skid unit is widely used in geology, coal, metallurgy, hydropower, nuclear and geophysical downhole logging operations. It lower and lift logging cables, downhole tools and transmit wells signals. The skid can connect with field supplied power and also available for self-motor based on the situation. It use diesel engine as main power to drive drum by hydraulic system. It can fit 8mm single conductor armored cable, suitable for the drilling and survey tasks under 6000 meters. Equipped with depth encoder, it can display lowering depth, speed and tension in real time. The depth is measured by double redundancy, and the encoder measuring device and mechanical measuring device are installed respectively, so the measured value is more accurate and reliable. The electro-hydraulic rope laying device can be carried out manually or automatically to realize free switching.

The operation room adopts sealed and insulated structure, equipped with air conditioner, tool shelf, operation desk and adjustable chairs etc. the humanization design make the overall layout more nice and comfortable.

■ Features

- Sealed container type is easy for transportation
- Simple structure with complete-function, easy to operate

■ Application

- When used for well measurement, the measuring instrument in the well is connected with the surface system or computer system to realize the surface direct reading or interpretation of downhole parameters.



■ Technical Parameters

| | LHE2063 Skid mounted wireline unit | LHE2064 Hydraulic hoisting | LHE2065 Two parts wireline unit | LHE2071A Cabin wireline unit |
|------------------------|------------------------------------|----------------------------|---|------------------------------|
| ● Max lifting capacity | 45KN | 45KN | 45KN | 40KN |
| ● Power | 37KW(Motor) | 37KW/112KW | 37KW(Motor) | 93KW(Diesel) |
| ● Depth display | -9999 to 9999.9m | -9999 to 9999.9m | -9999 to 9999.9m | -9999 to 9999.9m |
| ● Speed display | Up to 9999.9m/h | Up to 9999.9m/h | Up to 9999.9m/h | Up to 9999.9m/h |
| ● Work speed | 80 to 6000m/h | 80 to 6000m/h | 80 to 6000m/h | 80 to 6000m/h |
| ● Drum capacity | 6000m(Φ8mm cable) | 6000m(Φ8mm cable) | 6000m(Φ8mm cable) | 6000m(Φ8mm cable) |
| ● Dimension | 6500×2100×2600mm | 6500×2100×2600mm | Winch room 3820×2600×2440mm Engine room 1160×2200×2440mm | 4800×2200×2200mm |
| ● Weight | 6800Kg | 6400Kg | Winch room5000Kg Engine room1200Kg | 8700Kg |
| ● Temperature | -20 to 45℃ / -4 to 113°F | -20 to 45℃ / -4 to 113°F | -20 to 45℃ / -4 to 113°F | -20 to 45℃ / -4 to 113°F |