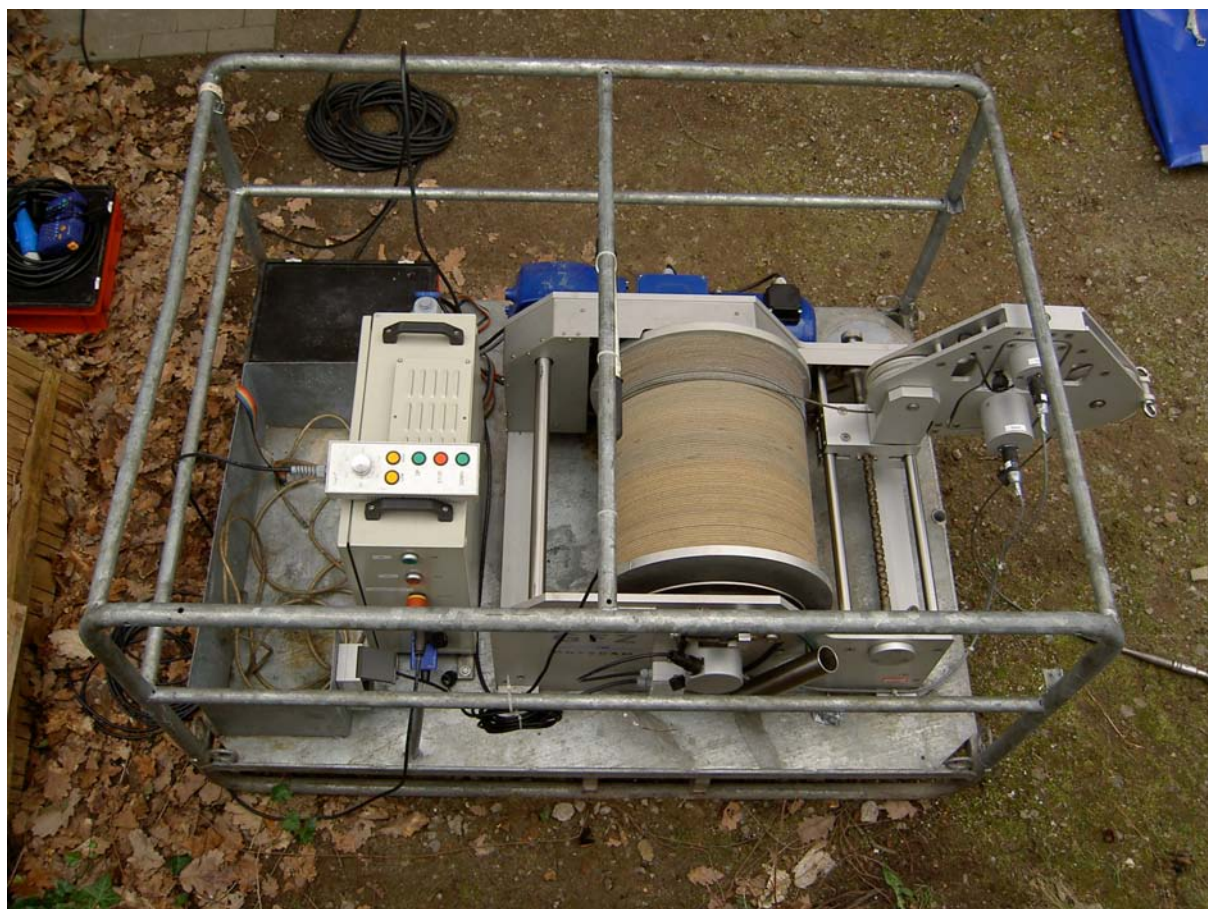


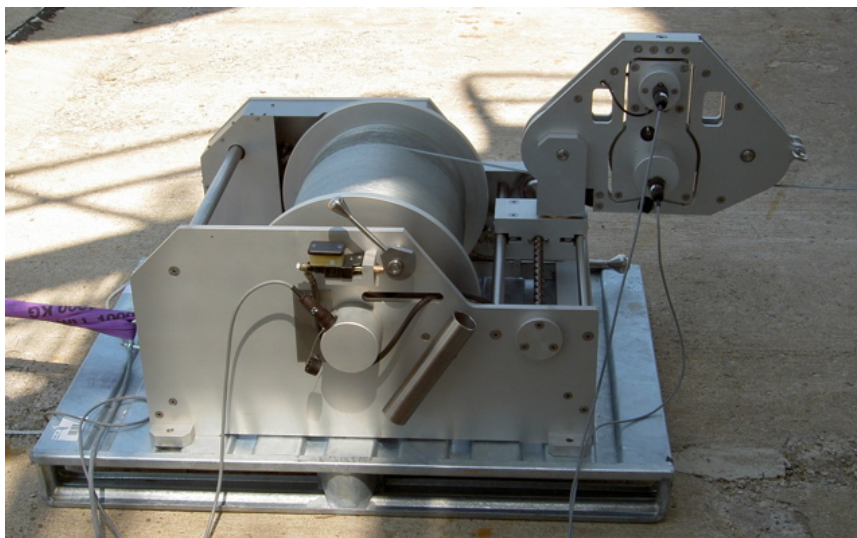
ICDP-OSG Logging Winches

MW2000 Winch for slimhole applications

The ICDP owned MW2000 mini winch is especially designed for logging with our slimhole sondes. It holds a 2200 m long 4-conductor logging cable (Rochester 4-H-181A, 3/16", 150 °C, breaking strength = 8 kN). The entire winch mounted on a palette with a protecting cage and all accessories weighs 600 kg. Electric motor = 220 V/2 kW (7 kW w/ generator), max. pulling force = 3 kN. The size and weight allow airfreight transport to all worldwide ICDP locations for low costs. The winch requires a footprint of 2.5 x 2.5 m.

Although it is very rugged it allows very slow and steady logging speed (1 m/min), like for televiwer runs, and up to a maximum speed of 50 m/min. It features an integrated depth/tension system. The cable is equipped with a Gearhardt-Owen type cable head G04. A crossover G04-G07 is available to connect tools with G07 tool head.





MW2000 winch unit alone without the protective cage and palette and all other accessories.



G04 cable head

MW600 GFZ Winch for slimhole applications

The GFZ owned MW600 mini winch is especially designed for logging with our slimhole sondes. It holds a 600 m long 4-conductor logging cable (Rochester 4-H-181A, 3/16", 150 °C, breaking strength = 8 kN). The entire winch mounted on a palette with a protecting cage and all accessories weighs 300 kg. Electric motor = 220 V/1.1 kW (3.5 kW w/ generator), max. pulling force = 2.3 kN. Size and weight allow airfreight transport to all worldwide ICDP locations for minimum costs. The winch requires a foot-print of 1.5 x 1.5 m.

Although it is very rugged it allows very slow and steady logging speed (1 m/min), like for televiwer runs, and up to a maximum speed of 50 m/min. The cable is equipped with a Gearhardt-Owen type cable head G04. A crossover G04-G07 is available to connect tools with G07 tool head.





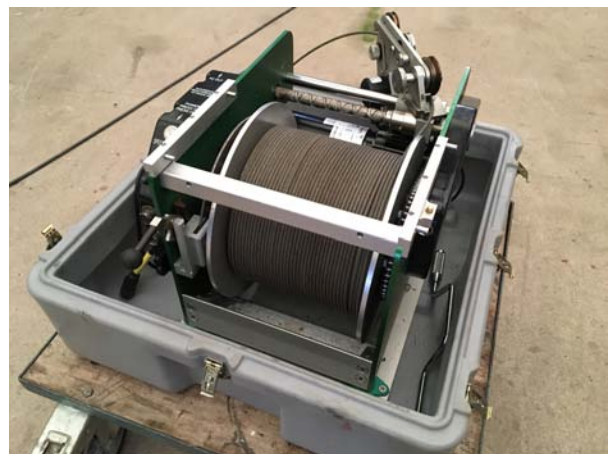
G04 cable head



MW250 – Winch for shallow slimhole applications

The ICDP owned super-light MW250 mini winch is especially designed for logging in shallow holes (< 200 m) at difficultly accessible locations and only for lightweight sondes. It holds a 250 m long 4-conductor logging cable (Rochester 4-H-181A, 3/16", 150 °C, breaking strength = 8 kN). The entire winch is mounted in a small rugged shipping case and weighs 100 kg. Electric motor = 220 V/0.19 kW, max. pulling force = 1.1 kN. The winch requires a foot-print of 1.0 x 1.0 m. The small size and weight allows manual transport to locations that are inaccessible for vehicles.

The winch allows very slow and steady logging speed (<1 m/min), like for televiwer runs, and a maximum speed of 10 m/min. The cable is equipped with a Gearhardt-Owen type cable head G04. A crossover G04-G07 is available to allow mounting of a tool with G07 tool head.



G04 cable head



CW7000 – GFZ Container Winch

The GFZ owned CW7000 container winch is a powerful heavy duty winch for deep applications. We use it mostly for logging operations of projects within Europe. It is based at the KTB Deep Lab, Germany. As a containerized winch it cannot drive by itself on roads but has to be transported on a flat-bed trailer or on a truck with container-bridge. Includes a 220V/50 Hz generator but can also be connected with the power grid (5 kW consumption).

The cable can be equipped with a Gearhardt-Owen type cable head G07 or a SLB LEH head.

Geosys 20ft Container Winch

14 t, 2900 cm³, 4 cylinder Diesel, 55.4 kW/74 hp, L = 6.1 m, W = 2.45 m, H = 2.6 m

max. run time (fully fueled): 48 h (2 l/h)

speed: 1–100 m/min

cable currently on drum: 7300 m, 7-conductor cable, 204 °C, 11.73 mm, 0.462 inch, 15/32"
493/397 kg/km (air/water), Rochester 7-H-464D, A276469,
SLB rope socket with SLB connectors





This winch is the successor to the GFZ logging truck which was decommissioned in 2017.



CW3600 – GFZ Container Winch

This rugged standard off-shore unit is small enough to be deployed at worldwide scientific drilling locations but fully capable for logging activities also with heavy logging tools to 6000 m. The hydraulic motor is diesel engine powered.

The cable can be equipped with a Gearhardt-Owen type cable head G07 or a SLB LEH head.

Schlumberger OFU off shore logging unit

13 t, 4500 cm³, 82 kW/110 hp, L = 6 m, W = 2.5 m, H = 2.9 m

external electric power required: 220V/1.5 kW

max. run time (fully fueled): 40 h

speed: 1–50 m/min

cable currently on drum: 3600 m, 7-conductor cable, 204 °C, 11.73 mm, 0.462 inch, 15/32"
493/397 kg/km (air/water), Rochester 7-H-464D, A276469

cable capacity: 6000 m (7–46)

split drum is possible: for tapered cable mode, currently no cable on drum





