

Geophysical Logging Winches



	Truck Mounted		Semi-portable			Portable
WINCH	WFA	WNA	MXA	MXB	MXC	Pathfinder
MOTOR	2 hp, PM 180VDC	1 hp, PM 90VDC	¼ hp, PM 90VDC	¼ hp, PM 90VDC	¼ hp, PM 90VDC	½ hp, PM 90VDC
CONTROLLER	4 Quadrant ReGen SCR Drive	4 Quadrant ReGen SCR Drive	FullWave ReGen Drive	FullWave ReGen Drive	FullWave ReGen Drive	DC SCR Drive
SPEED	0 – 90m/min	0 – 30m/min	0 – 24m/min	0 – 24m/min	0 – 24m/min	0 – 6m/min
MAX LOAD	363kg	345kg	46kg	46kg	46kg	18.1kg
CAPACITY	1800m of 4.76mm wireline	1000m of 4.76mm wireline	500m of 3.17mm wireline	500m of 4.76mm wireline	1000m of 3.17mm wireline	333m of 3.17mm wireline
SHIP WEIGHT	408kg	277kg	66kg	93kg	98kg	45kg
SHIP DIMENSIONS	125 x 89 x 97 cm	125 x 89 x 97 cm	64 x 48 x 48 cm	66 x 61 x 59 cm	66 x 61 x 59 cm	64 x 48 x 48 cm
NOTES	Speed and capacity are preliminary	Can be spooled with up to 1800 meters, call for details	-	-	-	-

Our range of winches feature proven, rugged designs and heavy duty components to ensure reliable performance in the most demanding environments. To accommodate your depth and portability requirements, we offer a variety of winch models with cable, cable head, and voltage options. Winch failures can be very costly in terms of time, money, and safety – don't settle for anything less than one of our winches!

Our winches are logging hoists capable of positioning geophysical probes or other tools in a borehole. Each winch system is equipped with a slip-ring and connections through which surface instrumentation can communicate with the probes. A precision measuring wheel and rotary encoder are also included to allow the amount of cable played out to be accurately tracked.



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Pathfinder Portable Winches

The Pathfinder winches come in two different wireline lengths, 233 meters and 333 meters. Our lightest and most portable winch, the Pathfinder winch is ideal for shallow borehole applications and transportation into remote areas. This new winch series replaces our older Mini winch series.

Key Features :

- Light-weight and easy to transport
- Heavy duty shipping case
- Quick-connect mount for acquisition box
- Manual level-wind system

MX Series Semi-Portable Winches

The MX series winches are a perfect balance between power and portability. Ranging from 500 meters to 1000 meters of wireline, the MX series increases the depth capability of your logging operations in a compact system that allows for easy transportation.

Key Features :

- Portable, compact design
- Heavy duty shipping case
- Quick-connect mount for acquisition box
- Automatic level-wind system

Truck Mounted Winches

The truck mounted winches are built for designated logging vehicles and skids. Weighing in at over 300 kilograms these winches are meant for deep applications and heavy probe stacks. When operating at its maximum depth capacity of 1800 meters, the WNA can be upgraded to the WFA, which substitutes out the 1 horsepower WNA motor for a 2 horsepower WFA motor.

Key Features :

- Truck mounted heavy duty design
- Fastest logging speeds and largest lifting capacity
- Automatic level-wind system
- Separate control box for tension, speed, and depth display
- Tension alarm cutoff
- Remote control

