

# GRUNDOWINCH®

## HYDROSTATIC CONSTANT-TENSION WINCHES



## TWIN CAPSTAN CONSTANT-TENSION

### Grundowinch® The Ultimate Underground Winch

The rugged **GRUNDOWINCH®** line of hydrostatic constant-tension winches are specially designed for the variable conditions in below-grade work. All models feature protective cable storage and are available with an air-cooled diesel or gas engine; as well as an adjustable boom system. Portable and powerful, Grundowinch is well-suited for underground utility construction applications including:

- Pipe Bursting
- Pipe Pulling
- Pipe Reduction Method
- Sliplining
- Underground Cable Pulling



*RW10 shown with all-terrain track*

 **TT TECHNOLOGIES**

# GRUNDOWINCH®

## Hydrostatic Constant-Tension Winches

### Superior Design: Variable Speed, Constant-Tension & Twin Capstans

The Grundowinch's constant-tension variable speed design means any cable slack is immediately sensed and taken up automatically. The Grundowinch is able to make adjustments for conditions that affect line speed during operation, providing constant and consistent pulling force. This makes for an ideal winch for all sensitive underground operations.

The Grundowinch also incorporates a cable management system to ensure the proper care and storage of cables. Twin capstans with twin motors and gearboxes protect the cable and cable drum from extreme stress levels as the cable is layered back in place during use.



#### RW5000

Compact, portable and powerful, the RW5000 Grundowinch provides top pulling power in tight locations.



#### RW10

The versatile and capable RW10 Grundowinch offers a 12-ton pulling capacity for everything from pipe bursting to underground cable pulling.



#### RW20

With a 22-ton pulling capacity, this Grundowinch takes on the most difficult projects in the toughest conditions.



#### Stand Off Boom Assembly

With adjustable boom length and extension legs, the stand off boom assembly has the ability to adapt to a variety of different manhole configurations and structures. The stand off boom also allows for the retrieval of a front expander during certain pipe bursting applications.

### Specifications of GRUNDOWINCH® Twin Capstan Winches

MODEL	RW1500	KW3000	RW5000	RW10	*RW10ATW	*RW20ATW
Engine Type	gas	diesel	diesel	diesel	diesel	diesel
Engine output in Horsepower	5	20	14	35	32	48
Line pull Tonnes Stage 1/2	1.5t	3.3t	5.5t / 2.75t	12t / 6.0t	12t / 6.0t	22.5t / 11.25t
Max. line speed (feet)	16'	160'	92'	95'	95'	56'
Rope diameter (inches)	5/16	10mm	1/2	5/8	5/8	7/8
Useful rope length (feet)	600'	3,280'	2,100'	2,300'	2,300'	2,600'
Single-axle trailer	-	yes	yes	-	-	-
Tandem-axle trailer	-	-	-	yes	-	-
Overrun brake	-	yes	electric	electric	-	-
Parking brake	-	yes	yes	-	-	-
Automatic reversing device	yes	-	yes	yes	yes	-
Towing bar height-adjustable	-	yes	yes	-	-	-
Ball coupling	-	yes	-	-	-	-
Eye coupling	-	-	yes	yes	-	-
Length	40"	135"	158"	181"	107"	132"
Width	34"	63"	65"	82"	67"	76"
Height	31"	49"	51"	58"	63"	84"
Weight	755#	2,645#	3,426#	6,500#	9,000#	15,000#
Line pull pre-select-system	yes	-	yes	yes	yes	yes
Electric start	yes	yes	yes	yes	yes	yes
Light system 12v DC	-	yes	yes	yes	yes	yes

\*RW 10ATW and the RW 20ATW are All-Terrain track mounted Grundowinches.

#### Optional Extras

Increased rope length. Line Printer giving line speed and forces used. Larger capacity engine-higher line-speed and winching capacity. Painting of winch to customers colors. Hours in use meter (Electric start only) Lighting Board.



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