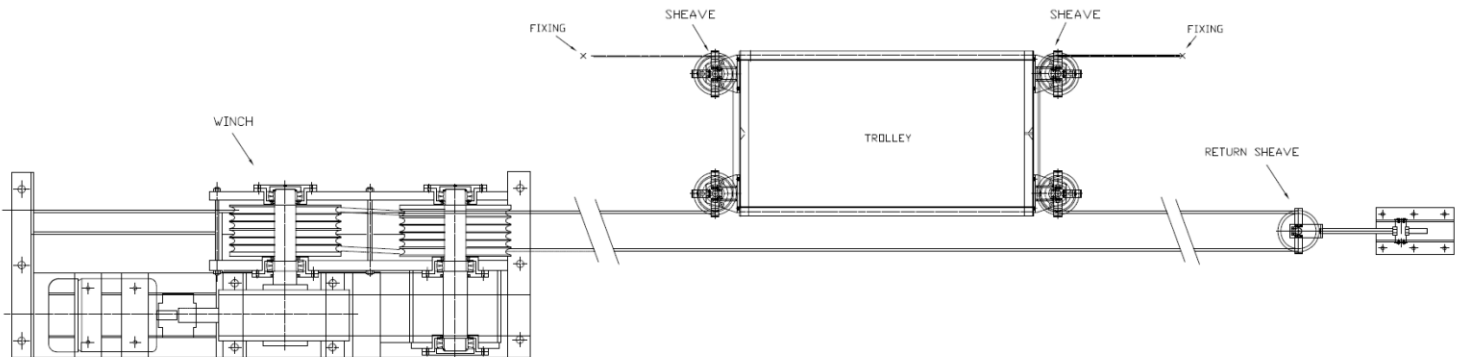


# ENDLESS ROPE SYSTEMS



## GENERAL INFORMATION

The winch is a standard “Bull Wheel” type endless rope winch and is designed to start direct-on-line forward or reverse, whether loaded or unloaded. This type of winching system is specifically developed to shuttle equipment running on wheels over extensive distances. The most popular applications are for positioning rail car tankers and tripper cars.

When using the winch to shuttle rail cars it connects to a bogey car and the bogey car couples to the rail tanker. The winch is used to move the tankers anywhere on the track. The advantage of using the winch is that it removes the need to use a locomotive to do the shunting.

It operates in conjunction with a return sheave and uses a friction drive to move a bogey car up and down the track. The friction emanates from the rope wrapping around the bull wheels of the winch and tensioning device.

The winch is fitted with a brake motor incorporating an electro-magnetic disc brake and an electronic rectifier. The brake operates on the fail-safe principle (i.e. power off - brake on).

## SPECIFICATIONS

TYPE / MODEL	ITEM NR	MOTOR	SWL	ROPE SPEED LAYER 1	ROPE Ø
4kW	3978DB	4kW - 4P	1 Ton	14.2 m/min	13 mm
37kW	4281	37kW - 4P	14 Ton	12 m/min	32 mm
55kW	4675	55kW - 4P	20 Ton	12 m/min	36 mm

NOTE: These are DYMOT standard products, specials available on request.

