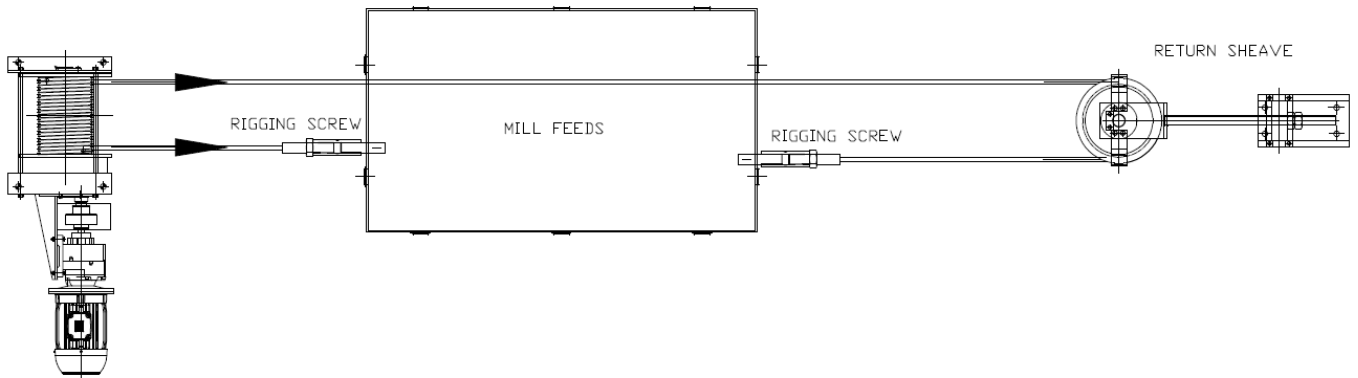


LAY ON/LAY OFF WINCHES



GENERAL INFORMATION

This type of winch is a modified range to the DYMOT standard range of take-up or motorised hand winches 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 short distances.

The most popular application is on moving head conveyors. This concept can also be adapted for smaller trolley/loads that need to be repositioned forwards or backwards. It utilises a grooved drum and only operates on one layer of rope. Two ropes are used, one connected to the front of the unit to be moved and the other to the rear of it.

When operating the winch in either the forward or reverse direction, it moves the trolley in that direction. This is only for short shuttling distances as the length of travel is governed by the length of the drum. For longer shuttling applications please refer to the endless rope winches.

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).

