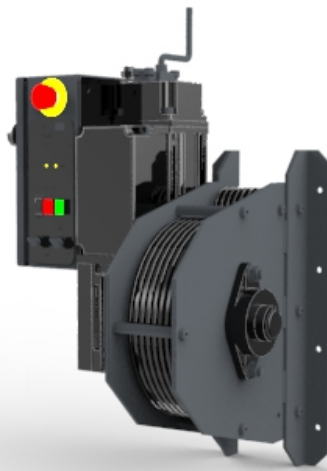


MOTORIZED BAR HOISTS PILE ON DRUM – COMPACT RANGE

GREEN STAGE MACHINERY LTD is proud to introduce an entry level GSM motorized compact bar hoist that is supplied complete with onboard controls and suspension cables.



The GSM motorized compact bar hoist is designed to be a self-contained hoist with onboard controls that can be either wall mounted or mounted to the header steels of an existing or new installation.

Should more than one hoist be mounted in close proximity to each other, a separate control panel can be supplied as a multi hoist control station with the existing control cabinet being used for simple local maintenance control tasks.

Available Control options:

- Fixed Speed (208-230/3/60 & 115/1/60)
 - 115 VAC Raise / Lower / Stop - push button wall station
 - 24 VAC Raise / Lower / Stop - push button wall station.
 - 24 VAC Raise / Lower / Stop - push button pendant.
- Variable Speed (208-230/3/60)
 - 24 VAC Raise / Lower / Stop / Speed Dial - push button wall station.
 - Programmable multi-stop automated control with 3D visualization.

The compact bar hoist utilizes pile on drum design technology for compactness and is configured to contain three (3) to eight (8) lift lines on the standard unit. Additional lift lines can be added as an option, if required, for different types of applications.

The drum is of a cartridge design so that it can be easily removed for ease of cable replacement.

It is intended that the drum is pre cabled, with all cables being supplied to suit the longest drop line, to save valuable site installation time. The excess cable for the shorter drop lines can be quickly trimmed on site and reused or recycled as required.

The drive unit for the compact hoist is of a compact modular design with an aluminum die cast motor frame, geared reducer and limit box assembly. The high gear ratio of the reducer ensures static irreversibility in all units with dynamic irreversibility being achieved on the slower output speed units. As an additional safety precaution all units are fitted with an integral spring actuated, electrically released motor brake for instant stopping and fail safe operation.

The modular design of the bar hoist incorporates an integral limit box that houses (2) normal and (2) over travel limit switches and an emergency hand crank with power disconnect as standard.

The GSM standard COMPACT HOIST is designed to meet or exceed the following specification:

Compact Hoist S.W.L.	=	800 lbs
Hoist Speed.	=	20 feet / minute
Max. Travel Distance	=	40 feet
Suspension Cable	=	Ø 5/32" - 7x19 Galvanized Wire Rope
Max. Number of Lift Lines	=	Eight (8) on standard unit (min cable F.O.S = 12:1)
* Min. Number of Lift Lines	=	Three (3) on standard unit (min cable F.O.S = 5:1)
** Duty Cycle	=	60 % on standard unit

Design Notes

- * One (1) and Two (2) lift line versions are available using larger diameter cables. The effects of single point failure of a suspension cable should be considered.
- ** Duty Cycle is a maximum 'operating time' within any Ten-(10) minute period.
E.g. 6 minute run followed by a 4 minute rest.