

# ***ALL THE HOIST YOU NEED!***



*Manufacturers of Standard Electric Wire Rope Hoists,  
Overhead Cranes & Material Handling Equipment*



# **A Powerful Generation of ELECTRIC HOISTS**

# POWERFUL • RELIA



## GANTRON HOISTS: THE BEST, SIMPLY

Simplicity of design makes the Gantron Hoist simply the best hoist on the market today. With the fewest possible components, the Gantron Hoist has the features to make it the safest and the most reliable, ready to provide years of low maintenance service.

Features like:

- the final stage shafts and gears of the speed reducer are drop forged as a unit for maximum strength
- the rope drum and motor are coupled directly to the gearbox, as well as the brake to the motor (no intermediate shafts or couplings or motors buried in the drum)
- an upper and lower limit switch that's fully adjustable

## A FULL RANGE OF HOISTS

The Gantron Hoist comes standard in both Monorail to Double Girder trolley configurations, in capacities from 1.5 to 30 tons. With a team of experienced designer, we are ready to adapt our hoists to your unique application.

**GHTE (Low Headroom)  
Double Girder Trolley**



**GHSE Single Girder Trolley**



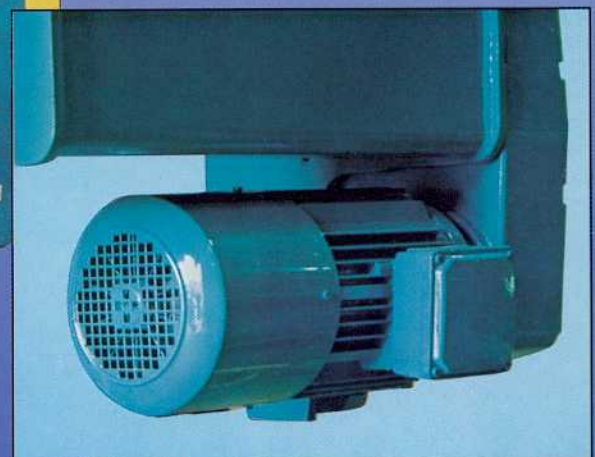
**Trolley Motor**



The Gantron Hoist is also available with the following options:

- 2 Speed Hoist
- Multi Speed Trolley
- Overcapacity Protection
- Doublewrap Protection
- Rope Guide

**GHSE Single  
Girder Trolley**



**Hoist Motor with Brake**

## HIGH SWITCHING FREQUENCY MOTOR:

The AC squirrel cage motor is specially selected for hoisting duty. CSA approved, and available in single or two speeds, it is ready to withstand the rigours of tough shop duty.



# BLE • ECONOMICAL



GHTE Double Girder Trolley

## FAIL-SAFE DISC BRAKE

The brake is mounted directly to the motor, engaging when power to the motor is removed or lost. Designed for millions of operations before adjustment or replacement, this brake is both asbestos and trouble free.

## SPEED REDUCER

Case hardened, precision ground, helical gears are the result of excellence in engineering and manufacture. The motor is directly mounted to the alloy housing and its shaft has the first pinion in the three stage reduction (no coupling required). The larger shafts and gears are drop forged as a unit for maximum strength. The anti-friction bearings supporting the output shaft are specifically sized for high loads.



Speed Reducer

## DEEP GROOVED ROPE DRUM

Connected directly to the reducer's precisely machined, spline output shaft (no coupling required), the drum accommodates the entire wire rope in a single layer including three dead turns. The special high tensile rope has a minimum safety factor of five times the rated load.

## FULLY ADJUSTABLE LIMIT SWITCHES

A rotary limit switch mounted to the end of the drum opposite the reducer (no coupling, rope guide, rods, or cams), sets both the upper and lower hook positions. This eliminates any possibility of lifting the hook block into the drum (a costly repair) or running the rope beyond the three dead turns.

## DROP FORGED HOOK BLOCKS

The hook block rotates on heavy duty thrust bearings and comes complete with safety latch. Supported on sealed ball bearings, the sheaves are fully enclosed by metal guards to WCB specifications.



Hook Block

## SINGLE OR MULTI SPEED TROLLEY MOTOR

The trolley drive is the same basic design as that of the hoist, with the motor, reducer and brake combined to form a single, powerful, inline package. The addition of a flywheel and low torque brakes create soft starts and stops, avoiding dangerous swinging loads.





*Manufactured in Surrey, B.C.*



**GHZE** Double Girder Trolley  
with twin hoist

**CSA/UL APPROVED CONTROLS**

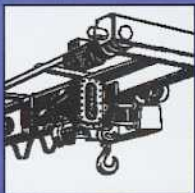
A pendant push button station is suspended by an integral strain relief cable. Reversing starters come complete with overload protection and are electrically and mechanically interlocked for added protection. Enclosures are available in variety of NEMA ratings.

**CUSTOM DESIGN**

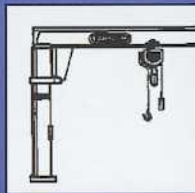
Gantron Hoists are designed in numerous configurations to meet a wide variety of applications. However standard configurations may not suit your needs – so our team of designers satisfy your requirements; whether they are for large capacities or tight fitting spaces.

**GANTRON FEATURE HIGHLIGHTS**

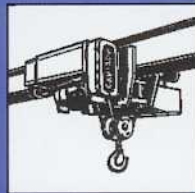
- Compact design for better reach
- Low headroom standard, not optional for most models
- Wide variety of configurations and options
- Fewer parts, simple, low maintenance design
- Long life disc brakes
- Soft start/stop trolley drive
- Sealed-for-life bearings
- One year warranty: we stand behind our hoist!



Overhead Cranes



Jib Cranes



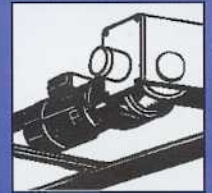
Electric Wire  
Rope Hoist



Hookblocks  
and Underhook  
Attachments



Festoon Systems  
and Crane Controls  
Push Button  
Pendants and  
Cables



Crane Components  
incl. Geared Brake  
Motors, Wheels,  
End-Trucks

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