



# Model "CGH" Center Mounted Gearhead

PowerMaster Model "CGH" operators are designed for use on Sectional Doors requiring high speed manual operation in case of power failure.

**STANDARD 2 YEAR WARRANTY**



**Architectural Specifications:**

Supply PowerMaster model "CGH" Industrial Duty Hoist type operator rated \_\_\_\_\_ HP, \_\_\_\_\_ VOLTS, \_\_\_\_\_ PHASE, for use on Sectional Doors requiring high speed manual operation in case of power failure.

**Access Alliance Photo Beams**

Economical  
Protect Openings Up to 18' Wide  
Auto-Detected & Monitored by  
PowerMaster Solid State Circuit

Primary speed reduction shall be by means of an industrial gear box with bronze worm gear in an oil bath. Motor shall be of the high starting torque, continuous duty industrial type, protected from overload by a current sensing or thermal type overload device. Motor controller shall be a heavy duty, full voltage, across the line, magnetic reversing contactor, that is mechanically and electrically interlocked. Electrical components shall be installed in a NEMA 1 enclosure integral to the operator. A transformer shall be provided to reduce control voltage to 24 VAC. Separate terminal strips shall be provided for connection of power supply line and all control devices. Operator shall be wired for an Open/Close/Stop control station.

**PowerMaster Modular Receiver**

Easy Installation -  
Plugs into Control Board  
Standard Three Channel - Open/Close/Stop  
Single Button Control Available  
FC Antenna

Complete Selection of Commercial Transmitters Available

Control circuit shall provide instant reverse motor wiring on 1Ø operators. Positive chain driven, rotary type limit switches shall be provided to limit full open and close travel of door. Limit switch adjustment shall not be affected by removal of motor or by manual operation of door. A floor level manual hoist chain shall be provided for emergency operation of door. An electrical interlock switch shall be provided to disable control circuit while manual hoist chain is engaged. Final drive chain shall be a #50 or larger roller chain. Operator shall be capable of center mounting, or right or left hand mounting in either a vertical or horizontal position.

**OSE OPTICAL SENSING EDGE**

Auto-Detected & Monitored by  
PowerMaster Solid State Circuit  
Functions when astragal  
is bent or has slight damage  
Sized to Door in the field  
Quick Installation  
Infrared Technology

All types of Access Controls available. Call for pricing.

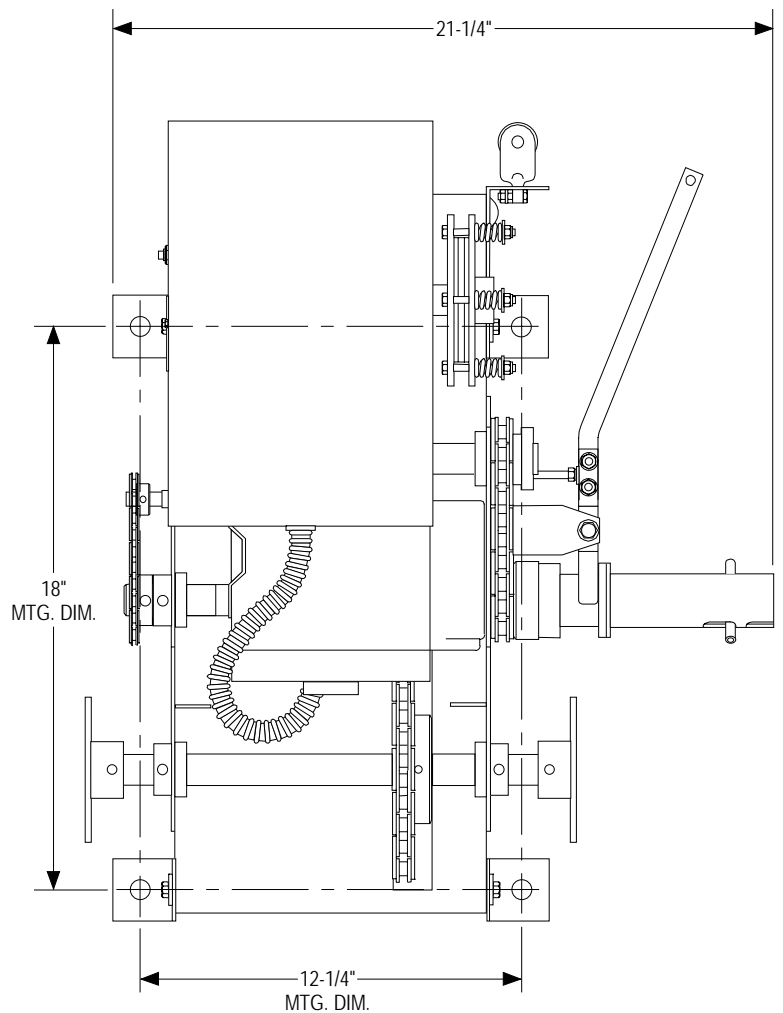
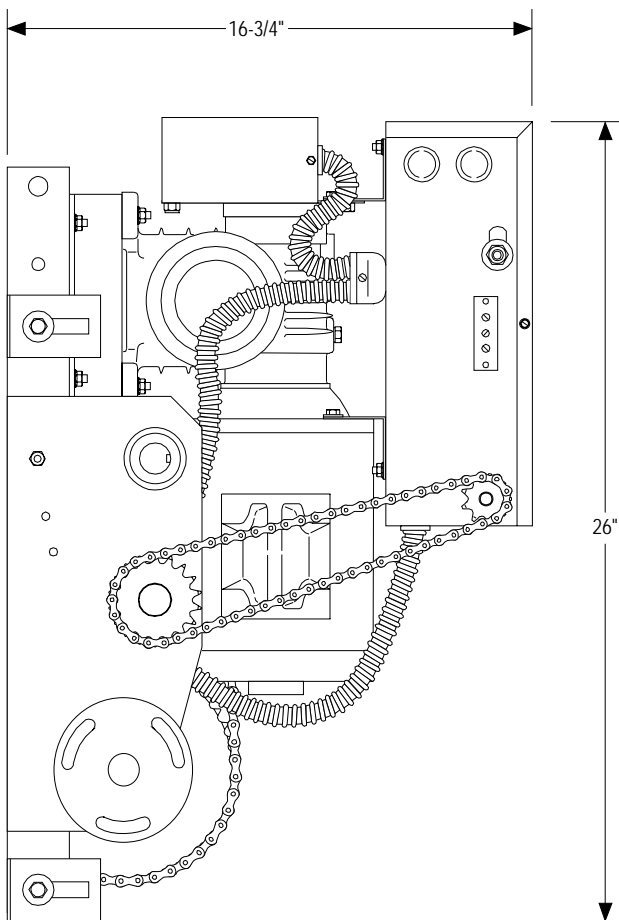
**PowerMaster Garage Door Openers  
Proudly Assembled in the USA**

**Electrical Specifications:**

- High Starting Torque Motor w/full overload protection
- Solid State Circuitry with Power and Program Feedback LED's
- On Board Open/Close/Stop buttons for service and adjustments
- Terminals labeled and grouped by function
- Auto-Detect monitored photo beam for simplified installation
- Selectable Operating modes B2, C2, D1, E2, T, TS
- Field adjustable built in functions including: timer to close, mid-stop, delay on reverse, lock bar sensing, maximum run time, etc.

**Mechanical Specifications:**

- For Use on Sectional Doors
- Heavy Duty Worm Gear Reduction and Solenoid Brake
- Heavy Duty #50 Roller Chain and Driven Sprocket for Final Drive Included
- Adjustable Torque Limiting Clutch
- Positive Chain Driven Rotary Limit Switches
- High Speed Disconnect (For Manual Operation in case of power failure)
- Baked on Grey Powder Coat finish



**AUTHORIZED DISTRIBUTOR:**