

# Model **PRO-GOHD**

**Industrial Heavy Duty  
Slide Gate Operator**



▶ **2 Year Warranty** ▶ **Continuous Duty Motor with External Overload Protection** ▶ **Relay Logic, Timer to Close, Run-Out Timer, 1.5 Sec Time Delay, 100VA Transformer, ON/OFF Switch** ▶ **Heavy Duty Worm Gear Reduction in Oil Bath** ▶ **Solenoid Actuated Brake System** ▶ **24V Fused control circuit** ▶ **1" Cast Iron Flange Pillow Block Bearings on Drive Shaft** ▶ **Three Button Control Station** ▶ **Fully adjustable rotary limit switches** ▶ **Powder metal limit cams** ▶ **#50 sprockets & Nickel Plated Roller Chain** ▶ **Adjustable Friction Clutch** ▶ **Emergency disconnect with electrical cut-out switch to allow for manual operation** ▶ **Motor Removable Without Affecting Limit Settings** ▶ **Operator Enclosed in Cabinet with Hinged Door & Key Lock** ▶ **Universal Left or Right Hand Mounting** ▶ **Post or Pad Mount Installation** ▶ **Mounting Base (Optional)** ▶ **Gate Attachment Brackets & U-Clamps** ▶ **Baked on Dark Grey Coat Finish** ▶ **Approximate Shipping Weight 250 Lbs.**

**Quality Pros Can Count On**

# Suggested Architect Specifications


Technical Info:  
1-877-888-1116

## STANDARD FEATURES

### Model **PRO-GOHD** Industrial Heavy Duty Slide Gate Operator

**Model:**  
The electric operator will be a **Micanan Model PRO-GOHD** as manufactured by Micanan Systems Inc. Related work - Gate preparation, miscellaneous or structural metal work, field electrical wiring, wire, conduit, fuses and disconnect switches are in the scope of work of other divisions or trades.

**Product:**  
Supply Micanan Model PRO-GOHD, Industrial worm gear slide gate operator (s) rated \_\_\_HP, \_\_\_Volts, \_\_\_Phase, 60HZ.

**General:**  
Provide  listed electric gate operator assembly of size and capacity recommended by gate manufacturer; complete with electric motor and factory-prewired motor controls, solenoid operated brake, conduit and wiring from control to motor and accessories required for proper operation.

**Electric Motor:**  
Motor shall be high starting torque, continuous-duty, industrial type, protected against overload by an external thermal overload device.

**Motor Starter, Controls, Enclosures:**  
Motor starter shall be an across-the-line, mechanically interlocked, magnetic reversing contactor. Motor starting device shall be enclosed in a NEMA 1 enclosure and integral with the operator. Control enclosures shall conform to ANSI/NEMA ICS6. A NEMA type 1 OPEN/CLOSE/STOP control station shall be provided as standard equipment.

**Frame and Reduction:**  
Speed reduction shall be heavy duty worm gear 40:1 in-oil-bath gear reducer. Secondary reduction with #40 chain and sprockets. Gate drive shall utilize #50 sprockets & nickel plated roller chain; 1" cast iron flange bearings on drive shafts. Operator shall be capable of driving the gate at a speed of approximately 10 to 12 inches/sec.

**Emergency Operation:**  
Shall be equipped with an electrically interlocked floor level disconnect for manual operation.

**Adjustable Clutch:**  
Shall be equipped with an adjustable friction clutch.

**Solenoid Brake:**  
Shall be equipped with solenoid brake to stop and hold the gate in position.

**Limit Switches:**  
Fully adjustable, driven linear type limit switch mechanism shall synchronize the operator with the door. Low friction limit nuts fitted on threaded steel shaft, rotating on oilite self-lubricating bronze bushings. The motor shall be removable without affecting the limit switch settings.

**Execution:**  
Install the motor operator in accordance with Micanan Systems instructions and standards and in compliance with applicable federal, state or local regulations.

**Warranty:**  
Micanan Systems warrants that it's operators shall be free of any defect in materials and workmanship for a period of 2 years.

