

Model **PRO-GH**

Industrial Worm Gear Jackshaft Operator with Chain Hoist



- ▶ 2 Year Warranty
- ▶ Worm gear in oil-bath reducer
- ▶ Three Button Control Station
- ▶ Solenoid brake standard
- ▶ Chain Keeper
- ▶ Heavy Duty reversing contactor c/w electrical interlock
- ▶ 24V Fused control circuit
- ▶ Fully adjustable rotary limit switches
- ▶ #50 roller chain drive & sprockets
- ▶ Baked on dark grey coat finish
- ▶ Powder metal limit cams
- ▶ Emergency chain hoist with electrical cut-out switch for manual operation
- ▶ Full feature logic control board (Optional)
- ▶ Full overload protection
- ▶ External radio control terminal strip
- ▶ Motor removable without affecting limit setting
- ▶ Universal left or right hand mounting
- ▶ Approximate shipping weight 110 Lbs.

Quality Pros Can Count On

STANDARD FEATURES

Model **PRO-GH** Industrial Worm Gear Jackshaft operator with chain hoist


Model:

The electric operator will be a **Micanan Model PRO-GH** as manufactured by Micanan Systems Inc. Related work - Door 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-GH, Industrial, worm gear jackshaft operator (s) rated ___HP, ___Volts, ___Phase, 60HZ.

General:

Provide  listed electric door operator assembly of size and capacity recommended by door manufacturer; complete with electric motor and factory-prewired motor controls, worm-gear reduction unit, 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 wormgear-in-oil-bath gear reducer. Shall provide a 45:1 speed reduction. Door drive shall utilize #50 roller chain and sprockets; Operator shall be capable of driving the door at a speed of approximately 6 to 10 inches/sec.

Emergency Operation:

Shall be equipped with an electrically interlocked floor level disconnect and universal chain hoist for manual operation.

Solenoid Brake:

Electric solenoid actuated brake to stop the motor and hold the door 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.

