

Model **PRO-LT**

**Commercial Limited
Duty Trolley Operator**



- ▶ 2 Year Warranty
- ▶ 1/2 HP high starting torque motor with overload protection
- ▶ Three Button Control Station
- ▶ Heavy Duty 4L V-belt
- ▶ #41 Roller chain on internal drives
- ▶ 3/4" ball bearings on pulley shaft
- ▶ 24V Fused control circuit
- ▶ Fully adjustable rotary limit switches
- ▶ 1" ball bearings on drive shaft
- ▶ Baked on dark grey coat finish
- ▶ Powder metal limit cams
- ▶ Emergency quick release disconnect for manual operation
- ▶ Control logic circuit board c/w load sensing feature (Optional)
- ▶ Adjustable friction clutch
- ▶ External radio control terminal strip
- ▶ #48 roller chain drive
- ▶ Approximate shipping weight 60 Lbs.

Quality Pros Can Count On

Suggested Architect Specifications

Technical Info:
1-877-888-1116

STANDARD FEATURES

Model **PRO-LT** Commercial Limited Duty Trolley Operator


Model:

The electric operator will be a **Micanan Model PRO-LT** 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-LT, medium duty, belt drive trolley operator (s) rated 1/2 HP, 115 Volts, 1 Phase, 60HZ.

General:

Provide  listed electric door operator assembly complete with electric motor and factory-prewired motor controls, internal reversal circuit, 3 button OPEN/CLOSE/STOP control station, conduit and wiring from control to motor and accessories required for proper operation.

Electric Motor:

Motor shall be 1/2 HP high starting torque, intermittent-duty, rated for up to 15 cycles per hour, protected against overload by an internal thermal overload device.

Control Circuit:

24V NEC Class 2 Circuit with a 25VA transformer.

Frame and Reduction:

Primary speed reduction shall be with heavy-duty 4L V-belt and #41 chain and sprocket for secondary. Track shall be heavy duty 11 gauge galvanized steel. Operator shall be capable of driving the door at a speed of approximately 8 to 10 inches/sec.

Adjustable Clutch:

Operator shall be equipped with an adjustable friction clutch.

Emergency Disconnect:

Equipped with emergency quick release disconnect for manual door operation.

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.

Trolley Assembly:

2" x 2" galvanized gauge steel angle rails with cast aluminum trolley c/w black oxide coated steel rail spacers

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.

