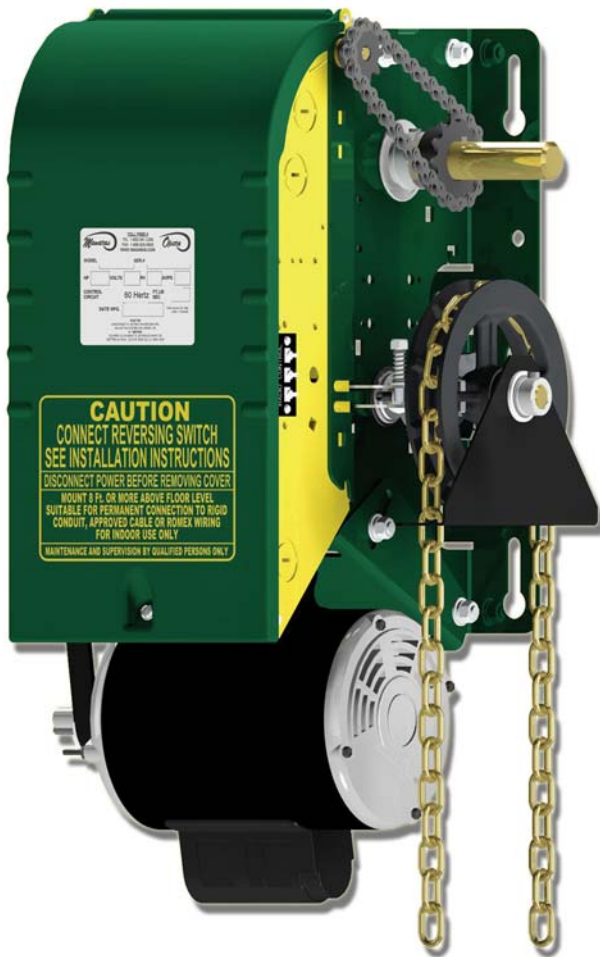




Operator Solutions for Commercial and Industrial Garage Doors



- JACKSHAFT OPERATORS
- GEAR HEAD OPERATORS
- TROLLEY OPERATORS
- SLIDING DOOR OPERATORS

When you think
Commercial Door OPERATORS,
just think OPERA.



Jackshaft Operators

Jackshaft operators are designed to be used on any door with a shaft, sprockets and chain as the driving elements. They can be installed on high or vertical lift doors, as well as on standard lift sectional doors or rolling doors and grilles. They can be wall, hood or shelf mounted on either side of the door.

Medium-Duty

14 CYCLES / HOUR, 50 CYCLES / DAY

Opera-MJ (OMJ)



FLOOR LEVEL DISCONNECT

Opera-MH (OMH)



HOIST-A-MATIC®

STANDARD FEATURES

- Instant reverse limited-duty motor 1/2 HP
- 5L/B V-belt, chain and sprocket reduction
- Adjustable friction clutch
- Mechanical brake
- Accu-cam® limit feature
- Floor level disconnect (OMJ)
- Hoist-a-Matic® self-engaging hoist with automatic cut-off (OMH)

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

Heavy-Duty Commercial

25 CYCLES / HOUR, 100 CYCLES / DAY

Opera-J (OPJ)



FLOOR LEVEL DISCONNECT

Opera-H (OPH)



HOIST-A-MATIC®

Opera-HJ (OHJ)



HOIST-A-MATIC® & FLOOR LEVEL DISCONNECT

STANDARD FEATURES

- Continuous-duty motor up to 1 HP
- 5L/B V-belt, chain and sprocket reduction
- Adjustable friction clutch
- Mechanical brake
- Accu-cam® limit feature
- Floor level disconnect with electrical cut-off (OPJ, OHJ)
- Hoist-a-Matic® self-engaging hoist with automatic cut-off (OPH, OHJ)

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

Heavy-Duty Industrial

25 CYCLES / HOUR, > 100 CYCLES / DAY

Opera-SH (OSH)



SUPER-DUTY JACKSHAFT WITH SOLENOID BRAKE

STANDARD FEATURES

- Continuous-duty motor up to 1 HP
- 5L/B V-belt, chain and sprocket reduction
- Adjustable friction clutch
- Solenoid brake (band-type)
- Accu-cam® limit feature
- Emergency manual chain hoist with floor level engagement device and electrical cut-off
- Cast iron flanged pillow block bearings on input and output shafts

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

Heavy-Duty Industrial Gear Head

25 CYCLES / HOUR, > 80 CYCLES / DAY

Opera-GH (OGH)



GEAR HEAD WITH HOIST-A-MATIC®

STANDARD FEATURES

- Continuous-duty motor up to 2 HP
- Worm gear in oil bath reduction
- Solenoid brake (band-type)
- Accu-cam® limit feature
- Hoist-a-Matic® self-engaging hoist with automatic cut-off
- Brake motor (optional)

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

MGH



SUPER-DUTY GEAR HEAD

STANDARD FEATURES

- Continuous-duty motor up to 5 HP
- Worm gear in oil bath reduction
- Gear box enclosed in a reinforced steel frame
- Solenoid brake (band-type)
- Accu-cam® limit feature
- Emergency manual chain hoist with floor level engagement device and electrical cut-off
- Cast iron flanged pillow block bearings on output shaft
- Brake motor (optional)

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.



When you think
Commercial Door OPERATORS,
just think OPERA.

800-361-2260
info@manaras.com
www.manaras.com

Trolley Operators

Trolley operators are designed to open and close standard lift doors as the carriage is driven back and forth on the horizontal operator track. They are usually ceiling mounted on the centerline of the door.

Medium-Duty

14 CYCLES / HOUR, 50 CYCLES / DAY

OMT



FOR SMALLER STANDARD LIFT DOORS

STANDARD FEATURES

- Instant reverse limited-duty motor 1/2 HP
- 4L/A V-belt, chain and sprocket reduction
- # 410 (48) drive roller chain
- Adjustable friction clutch
- Accu-cam® limit feature
- Hinged cover
- Low headroom design: 6.125" below the tracks

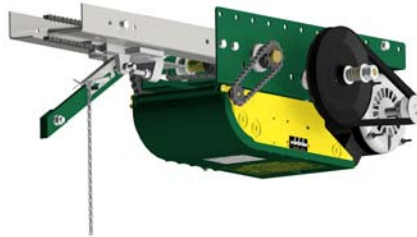
Your Preference:

- ECB with/without monitoring of primary external entrapment devices.

Heavy-Duty Commercial

25 CYCLES / HOUR, 80 CYCLES / DAY

OTH



FOR STANDARD LIFT DOORS

OTBH



SOLENOID BRAKE

STANDARD FEATURES

- Continuous-duty motor up to 1 HP
- 5L/B V-belt, chain and sprocket reduction
- # 410 (48) or # 41 drive roller chain
- Adjustable friction clutch
- Solenoid brake (band-type) (OTBH)
- Accu-cam® limit feature
- Hinged cover
- Low headroom design: 6.25" below the tracks

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

Heavy-Duty Industrial

25 CYCLES / HOUR, > 80 CYCLES / DAY

MGT



GEAR HEAD

STANDARD FEATURES

- Continuous duty motor up to 1.5 HP
- Worm gear in oil bath reduction
- # 41 drive roller chain
- Adjustable friction clutch
- Solenoid brake (band-type)
- Accu-cam® limit feature
- Brake motor (optional)

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

Sliding Door Operators

Sliding door operators are designed to be used on single and bi-parting sliding doors.

Heavy-Duty Commercial

25 CYCLES / HOUR, 80 CYCLES / DAY

OSL



FOR SLIDING DOORS

STANDARD FEATURES

- Continuous-duty motor up to 1 HP
- 5L/B V-belt, chain and sprocket reduction
- # 41 drive roller chain
- Adjustable friction clutch
- Solenoid brake (band-type)
- Accu-cam® limit feature
- Manual disconnect device

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

Heavy-Duty Industrial

25 CYCLES / HOUR, > 80 CYCLES / DAY

MGSL



GEAR HEAD

STANDARD FEATURES

- Continuous-duty motor up to 1.5 HP
- Worm gear in oil bath reduction
- # 41 drive roller chain
- Adjustable friction clutch
- Solenoid brake (band-type)
- Accu-cam® limit feature
- Manual disconnect device
- Brake motor (optional)

Your Preference:

- ECB with/without monitoring of primary external entrapment devices or electromechanical control.

Apartment Models

30 CYCLES / HOUR, > 100 CYCLES / DAY

OTH A.00, OTBH A.00 & A.05

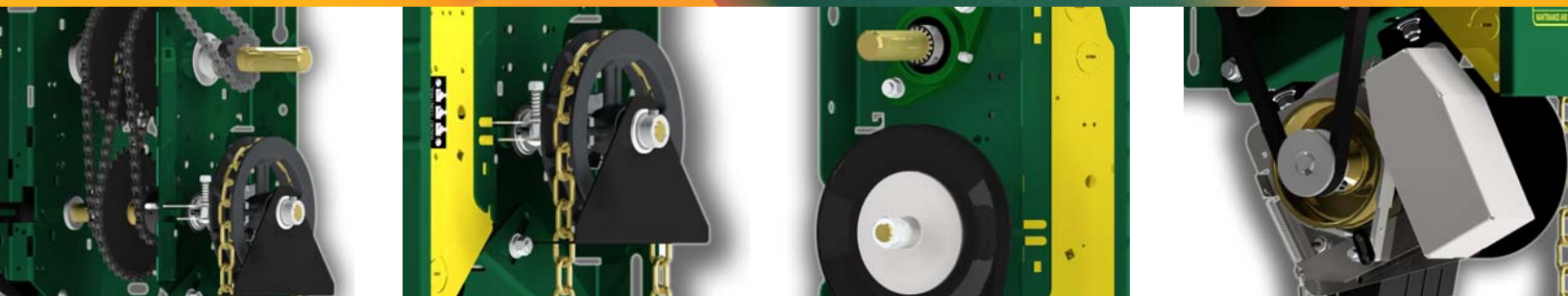
STANDARD FEATURES

- Continuous-duty motor up to 1 HP
- 4L/A V-belt, chain and sprocket reduction
- Solenoid brake (band-type) (OTBH)
- Accu-cam® limit feature
- Cast iron flanged pillow block bearings (A.05)
- Cogged v-belt (A.05)
- Low vibration braking system (A.05)
- Low headroom design: 6.25" below the tracks
- Additional control features



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PROVEN

Proven Record

Based in Montréal, Québec, Canada, Manaras-Opera is a leader in quality and manufacturing excellence. Backed by over 30 years of experience, we have one of the most comprehensive, reliable and innovative product lines on the market, which includes the signature **Opera** brand of jackshaft, gear head, trolley and sliding door operators in medium and heavy-duty applications.



OPERA

Opera Features

The Opera range has been specifically designed to meet the needs of installers. It features numerous innovations, such as the patented **Hoist-a-matic®** and **Accu-cam®**, which make installation and maintenance easier, quicker, and safer.

- Easy to install
- Easy to adjust
- Built to last
- Lifetime tested
- 2 year warranty
- Easy to maintain
- Easy to wire
- User friendly
- UL/CSA

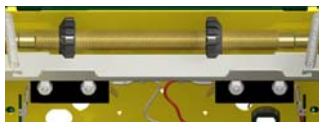
FLEXIBILITY

Engineering Flexibility

Manaras-Opera is not your "traditional" industrial operator manufacturer. Our engineering department is recognized for having a unique approach and the flexibility to work closely with our customers in order to develop custom-designed operators to meet the specific needs and performance requirements of their particular applications.



Each one of the operators in our comprehensive line can also be customized to meet the specific requirements of the most unique applications.



SOLUTIONS

Solutions Oriented

Relying on our broad range of expertise, we aim to offer superior solutions, in order to benefit the market as a whole.



INQUIRIES

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