

# HAML-RBH Direct Drive and Jackshaft Commercial and Industrial Door Operator

The **HAML-RBH** is your operator for Vertical Balanced Doors (spring or counterweight) and doors without balancing as well as Horizontal Door applications. The compact Right Angle hollow shaft GearMotor of this operator provides high speed, high cycle and energy efficient service. With dimensions of 4.3" x 4.3" x 16" and weighing only 36 lbs. the operator delivers reliable service for up to 5,000 open and close cycles/day at door speeds up to 5 times that of other operators.

The Right Angle hollow shaft GearMotors are sealed and require no maintenance. They are built into an aluminum body which can withstand corrosive and toxic environments. These powerful drives work equally well in wet and cold temperature environments.

The standard control panel is a NEMA1 16" x 16" x 6" steel case, open, close and stop buttons and power indicator light. NEMA 4X/12 panel is available.

## Applications

Car wash, Cold storage, Pharmaceutical, Agricultural, Food facility, Sectional, Grilles, Rolling steel, High speed fabric, Vinyl rollup, High and Medium speed horizontal doors.

## Features and benefits

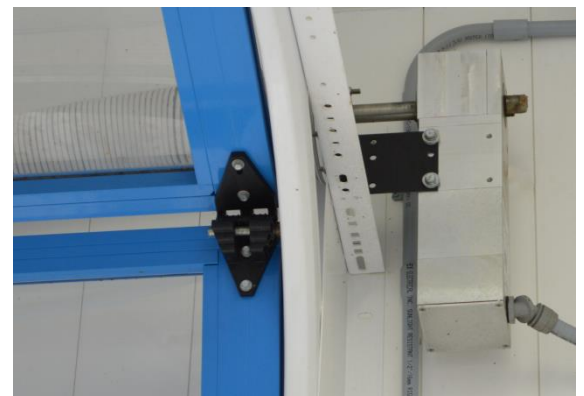
- Compact and light weight - Fast installation
- Comfortably fits into very limited space – Increases application opportunities
- Fast open and close door cycles independently set – Smooth and quiet operation, Savings on heating and cooling
- On site speed adjustment capability
- No maintenance GearMotor – Sealed stainless steel bearings, no belts, no limit switches or hydraulic cylinders to maintain
- One operator can handle all AC voltage applications (115, 208, 230, 460, 575)
- Soft start/stop - Reduces mechanical stress on door and components, ultra quiet operation
- Battery backup capability – Provides for operation even if AC power is lost or a brownout condition occurs
- Electronically set door open and close limits - No mechanical switches
- PositionTrak™ tracks and remembers door position with or without power – No recalibration once installed
- UL325 compliant (Optional)
- UL/ULC listed



**Right Angle**  
Hollow shaft GearMotor



**NEMA 1 Control Panel**



**Carwash application**

## Add-on features

Can be ordered any time for field upgrade

- Battery backup
- Axial chain hoist
- Right Angle chain hoist
- Right angle chain hoist with brake (NEMA1 only)
- Solid shaft adaptor 1" x 3" with keyway and side mount bracket
- Solid shaft adaptor 1.25" x 3" with keyway and side mount bracket

Available with operator order only

- UL-325 with NEMA 4 photo-eye
- Opto-Block™
- NEMA 4 16" x 14" x 8" panel
- 1" or 1.25" hollow shaft

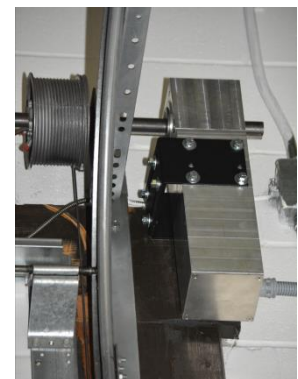
## Power

- Brushless, DC, high reliability, high efficiency and low maintenance motor
- Each operator can be connected to any of the following AC voltages; 115, 208, 230, 460, 575VAC single/three phase, 50/60Hz – One operator for all voltages
- Battery backup is provided by three 4AH (36VDC) sealed batteries
- Intelligent, internal battery charger
- 24 VDC 1.5 Amp for external devices
- 24 VAC 1 Amp for external devices

## Axial chain hoist add on



## Right angle chain hoist add on



## Installed Right Angle GearMotor

GDI reserves the right to modify the contents without prior notification.

## Gates and Doors Inc.

60 Ferrier St., Markham, Ontario, Canada, L3R 2Z5

[www.gatesanddoorsinc.com](http://www.gatesanddoorsinc.com) sales@gatesanddoorsinc.com

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