OUR IN-THE-FLOOR PRODUCT LINE

Our In-the-Floor operator kits are designed to perform with the installation of NEW O.E.M. automatic door operators, controls and accessories as supplied by ADS or the specified manufacturer and/or distributor. Our products are not designed for the use and conversion of existing, previously installed, re-manufactured or rebuilt overhead automatic pedestrian door operators. Our products mount within the floor, directly below the door and act as the lower portion door pivot, closer and operator. Automatic operators may be set-up in a fully automatic or low energy/power assist configuration.

4440-S STANDARD SERIES

Our Standard Series is our most commonly sold In-the-Floor product and is designed for doors weighing less than 1000 lbs. No modifications to the factory O.E.M. operator are required. Manufactured from 12 gauge powder coated sheet metal, our single door housing is 30” long with structurally welded end caps and top access cover plate. Pairs are joined with a welded in place structural coupler. Our output shaft is 1” in diameter and held in place by two sealed bearings to sufficiently support lateral load. Output shaft rests on one sealed thrust bearing to support vertical load. The door connecting hardware may be standard center hung, off-set hung or an independent slide track drive arm.

4440-SS STAINLESS SERIES

Our Stainless Series is manufactured to the same specifications as our Standard Series with the exception that all sheet metal components are manufactured out of stainless steel. This product is used in salt spray or corrosive environments.

4440-HD HEAVY DUTY SERIES

Our Heavy Duty Series is just that, manufactured for doors weighing over 1000 lbs. Internal components are manufactured from billet steel. We modify O.E.M. operator mounts to hold up to the increased loads experienced with heavier doors. Our output shaft is a minimum of 1” in diameter, can be manufactured up to 2” and held in place by two sealed bearings to sufficiently support lateral load. Output shaft rests on one sealed thrust bearing to support vertical load. The door connecting hardware may be standard center hung, off-set hung, an independent slide track drive arm or custom fabricated direct drive.

4440-H HYDRAULIC SERIES

Our Hydraulic Series incorporates a hydraulic floor closer to assist in checking or controlling a door in conditions of stack pressure or wind load. We’ve incorporated features from both our Standard Series as well as our Heavy Duty Series.
IN-THE-FLOOR OPERATORS (4440)

OUR 4440 SERIES BRINGS SOLUTIONS TO THE CHALLENGE OF AUTOMATING NEW AND EXISTING SWING DOORS:

- Within historical buildings, allowing preservation of all original aesthetic and functional designs
- On doors and gates in buildings requiring arched doorways, where overhead surface and/or concealed operators detour from the aesthetics and function
- On floor to ceiling, full height doors, where conditions won’t allow traditional overhead operator mounting
- On “all glass” storefronts or doors with specialized patch pivots and finishes
- On extremely over-sized or heavy doors with unconventionally located pivots
- With the ability to support the weight while automating bullet resistant swing doors
- With challenging ADA door requirements
- For architectural aesthetic door challenges or architectural creativity

AUTOMATED DOOR SOLUTIONS: A LEADER IN THE INDUSTRY

Though reintroduced in January 2009, Automated Door Solutions by LaForce, A.D.S., has a lengthy history in the door, frame, hardware and pedestrian automatic door industry. The LaForce Family has been personally active and involved in Division 8 representation, distribution and manufacturing for over fifty years. With the LaForce Family designs, we’ve been successfully manufacturing “The Original” In-the-Floor automatic operator kit and accessories since 1984.

Door Control Services, Inc. has installed and serviced automatic and manual doors for over thirty five years. We are proud of our reputation as the industry leader and strive to maintain that role by providing the best possible service and products to our customers. Our distribution network represents every market in the United States, as well as most areas within North America.

Our mission, Automated Door Solutions by LaForce and Door Control Services, Inc., is to provide a tailored door system to meet the specific design of the architect, based upon the desires of the owner. Together, we are a total solutions company offering design, product, service, technical support and parts availability.

FOR SPECIFICATIONS, SHOP DRAWINGS AND MORE VISIT: WWW.AUTOMATEDDOORSOLUTIONS.COM

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BUILT TO LAST

Manufacturing our products since 1984 has enabled us to thoroughly understand the challenges of mounting automatic door equipment In-the-Floor. For example, we understand the nuances and problems that moisture, condensation and water vapor can and will bring to delicate electronics that are located in a bed of concrete. That’s why we insist on remotely locating our 110 vac power, all operator controls and delicate electronic components and accessories in our above grade NEMA1 UL listed enclosure. Our operator housings are powder coated 12 gauge steel with structurally welded end caps. Our output door shafts are a minimum of 1” diameter and held in place by three bearings, two sealed flange bearings and one sealed thrust bearing.