

High Performance Doors and Dock Equipment



Hörmann Flexon LLC
Buncher Commerce Park
Avenue C Building 20-A
Leetsdale, PA 15056-1376

SECTION 11160/11161 Loading Dock Equipment

(Rev. 5/09)

Hörmann Flexon FLEXIDOCK® SERIES EDM-ML MECHANICAL EDGE-OF-DOCK LEVELER

PART 1 - GENERAL

1.1. RELATED DOCUMENTS

- 1.1.1 Drawings and general provision of the Contract, including General and Supplementary Conditions and Division – 1 Specifications sections, apply to work of this section.

1.2. DESCRIPTION OF WORK:

- 1.2.1 Extent of loading dock equipment is indicated on the drawings.
- 1.2.2 Types of loading dock equipment include the following:
- 1.2.3 Mechanical edge-of-dock levelers.
- 1.2.4 Concrete work for dock levelers is specified in Division 3.

1.3. QUALITY ASSURANCE

- 1.3.1 Dock Leveler Standard: Unit conforms to U.S. Department of Commerce C.C. 202-56, OSHA and ANSI 14.1-84 Standards.
- 1.3.2 Single Source Responsibility: Provide dock levelers as complete units produced by single manufacturer, including necessary accessories fittings and anchorages.

1.4. SUBMITTALS

- 1.4.1 Shop Drawings: Submit shop drawings for fabrication and erection of dock levelers. Include plans, elevations, and large scale details. Show anchorages and accessory items.
- 1.4.2. Product Data: Submit manufacturer's product data and installation instructions for each type of loading dock equipment, including installation details.
- 1.4.2 Maintenance Data: Submit manufacturer's maintenance and service data, including address and telephone number of nearest authorized service representative.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS:

- 2.1.1 Manufacturers: Subject to compliance with requirements, provide products of the following:
- 2.1.2 Manufacturer of edge-of-dock levelers: Hörmann Flexon LLC, Buncher Commerce Park, Avenue C, Bldg. 20-A, Leetsdale PA 15056-1376. TOLL FREE: (800) 365-3667 / Outside the USA: (724) 385-9150 / Fax: (724) 385-9151 / Web: www.hormann-flexon.com / Email: sales@hormann-flexon.com
- 2.1.3 Model: EDM-ML Mechanical Edge-Of-Dock Leveler.

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2.2. EDGE OF DOCK LEVELER

- 2.2.1 General: Provide the manufacturer's standard dock levelers of the type, function, operation, capacity, size and construction indicated, complete with controls, safety devices and accessories required.
- 2.2.2 Type: Edge-of-dock, hinged leveler welded to foundation dock face with molded rubber dock bumpers.
- 2.2.3 Function: Vertical travel: Working range 5" minimum above and below dock level. Automatic Vertical Compensation: Provide float up to 5" above and below dock level.
- 2.2.4 Operation: Manual, torsion spring lift assistance throughout working range. Lifting hook with handle extends 12-3/4" lip projection past bumpers for total extended projection of 27-3/4".
- 2.2.5 Rated Capacity: Welding procedure in compliance with A.W.S.D1.1 98 specification. Unit rated in compliance with ANSI MH14.1. Capacity shall be 20,000 or 25,000 lbs. Minimum. Architect to specify
- 2.2.6 Finish: High strength steel safety tread deck and lip. Deck and lip area enamel painted gray. Bumper blocks enamel painted orange.
- 2.2.7 Bumpers: Formed steel bumper blocks with molded rubber bumpers, 15" total projection.
- 2.2.8 Architect to specify width: 66" wide or 72" wide. Overall width on 66" wide deck is 97". Overall width on 72" wide deck is 103".
- 2.2.9 Warranty: One year parts and labor.
- 2.2.10 Anchorage Devices: Provide anchor bolts, nuts, washers, bolts, sleeves, cast-in-plate and other anchorage devices as required to fasten leveler securely in place and suit installation type indicated.

PART 3 – EXECUTION

3.1 PREPARATION

- 3.1.1 Coordination installation of loading dock equipment indicated to concrete or masonry. Examine the substrates and conditions under which the dock levelers are to be installed and do not proceed with the work until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- 3.2.1 General: Comply with manufacturer's detailed instructions for the installation of loading dock equipment.

3.3 ADJUST AND CLEAN

- 3.3.1 Make necessary adjustments for safe, efficient operation of loading dock equipment.
- 3.3.2 After installation, restore marred abraded surfaces to the original condition.