

# HYDRAULIC DOCK LEVELLER

## PRODUCT & INSTALLATION



### Fleet Engineering Hydraulic Dock Leveller

Our hydraulic dock levellers are designed and manufactured entirely in-house, giving us complete control over quality and reliability.

From the robust structural frames to our precision-engineered hydraulic cylinders, every component is produced by our own skilled team. With our dedicated installation specialists and experienced service technicians.

- Head Office : 038-195-780, FAX: 038-195-782
- Sales : 081-809-1198, 094-323-9695
- Service : 080-236-3239
- Email : [sales@fleet.co.th](mailto:sales@fleet.co.th)

**FLEET ENGINEERING COMPANY LIMITED.**  
223/39 Moo.3 Banbueng, Ban Bueng District,  
Chonburi 20170 THAILAND

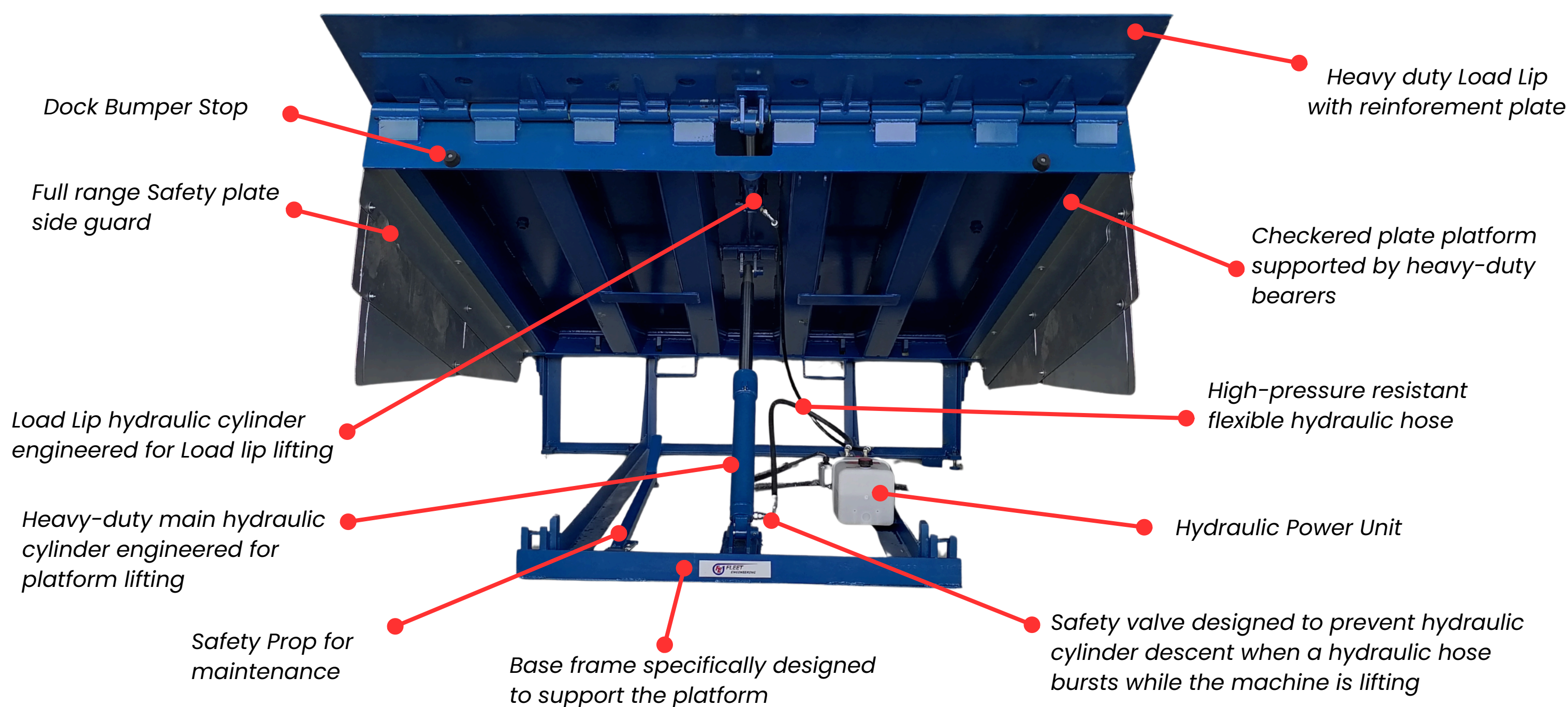


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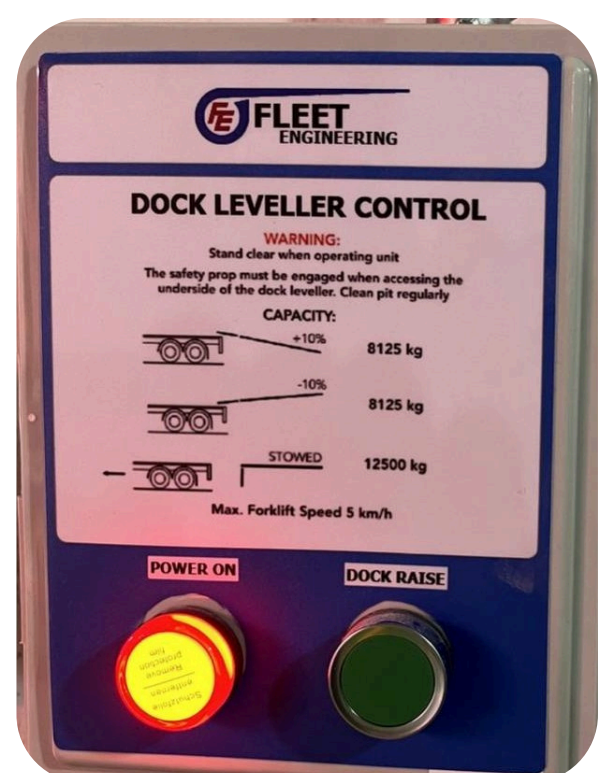
For More Information  
**[www.fleet.co.th](http://www.fleet.co.th)**







## FUNCTION & OPERATION



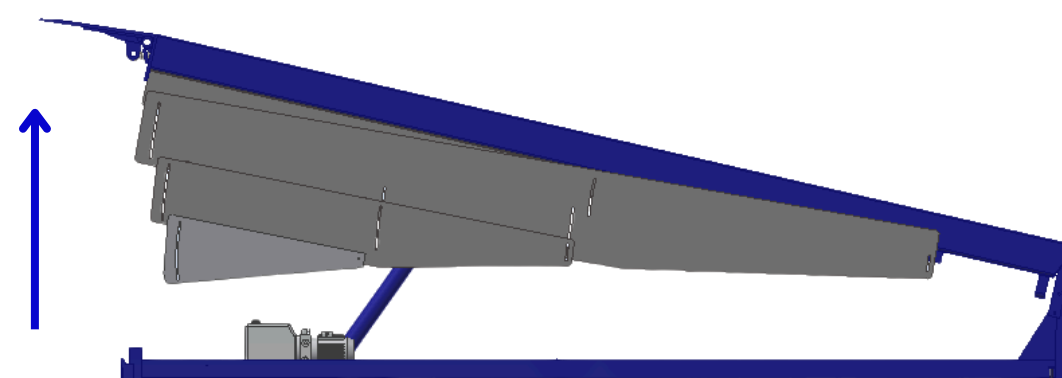
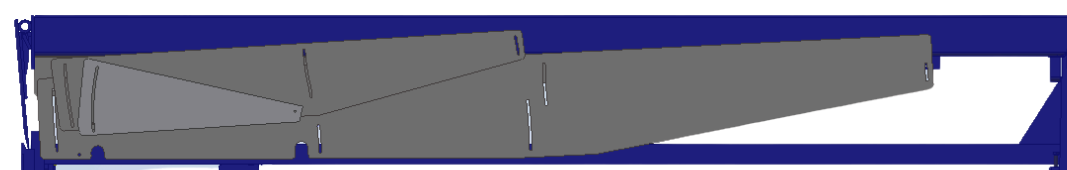
### The control box

Dock leveller can be operated with just one button.

"DOCK RAISE"

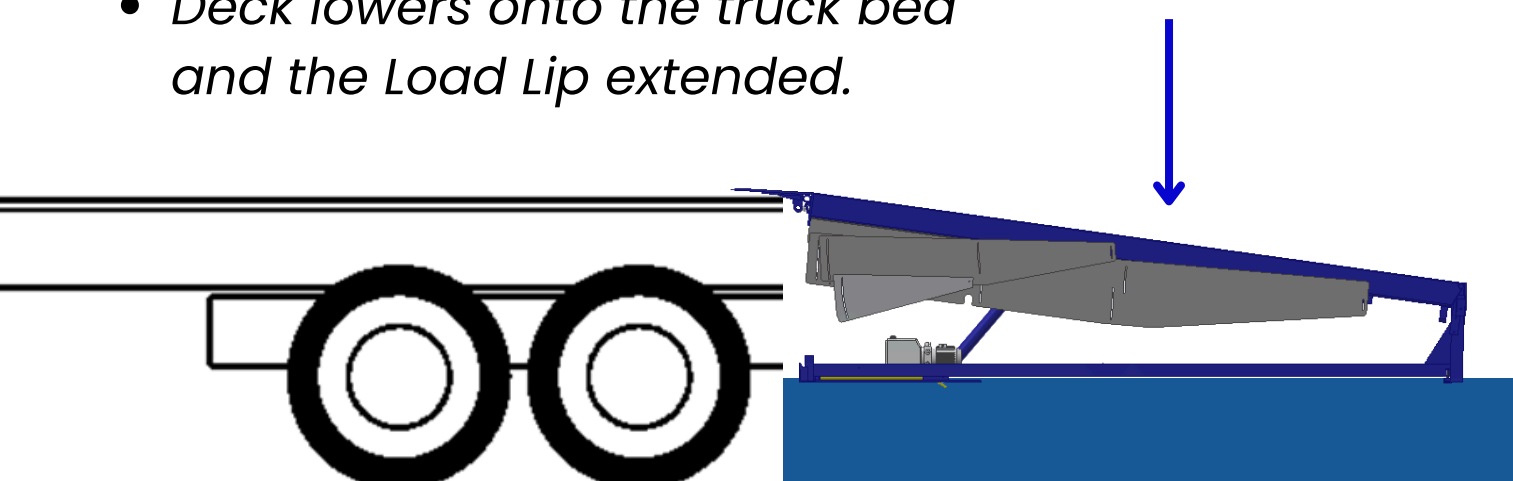
### 1. Push and hold the button

- Deck raises
- The Load Lip will fold out



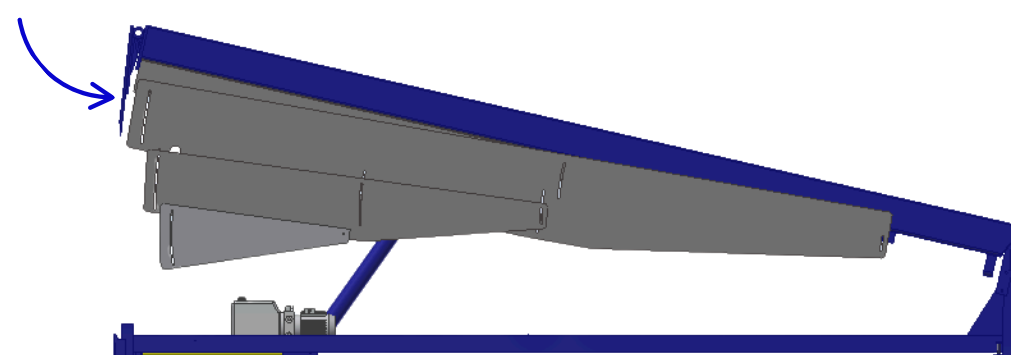
### 2. Release the button

- Deck lowers onto the truck bed and the Load Lip extended.



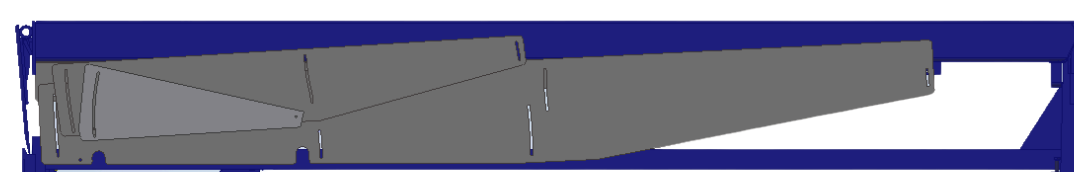
### 3. Push and hold the button

- The deck will raise until the Lip has retracted.



### 4. Release the button

- The deck will lower to the parked position.



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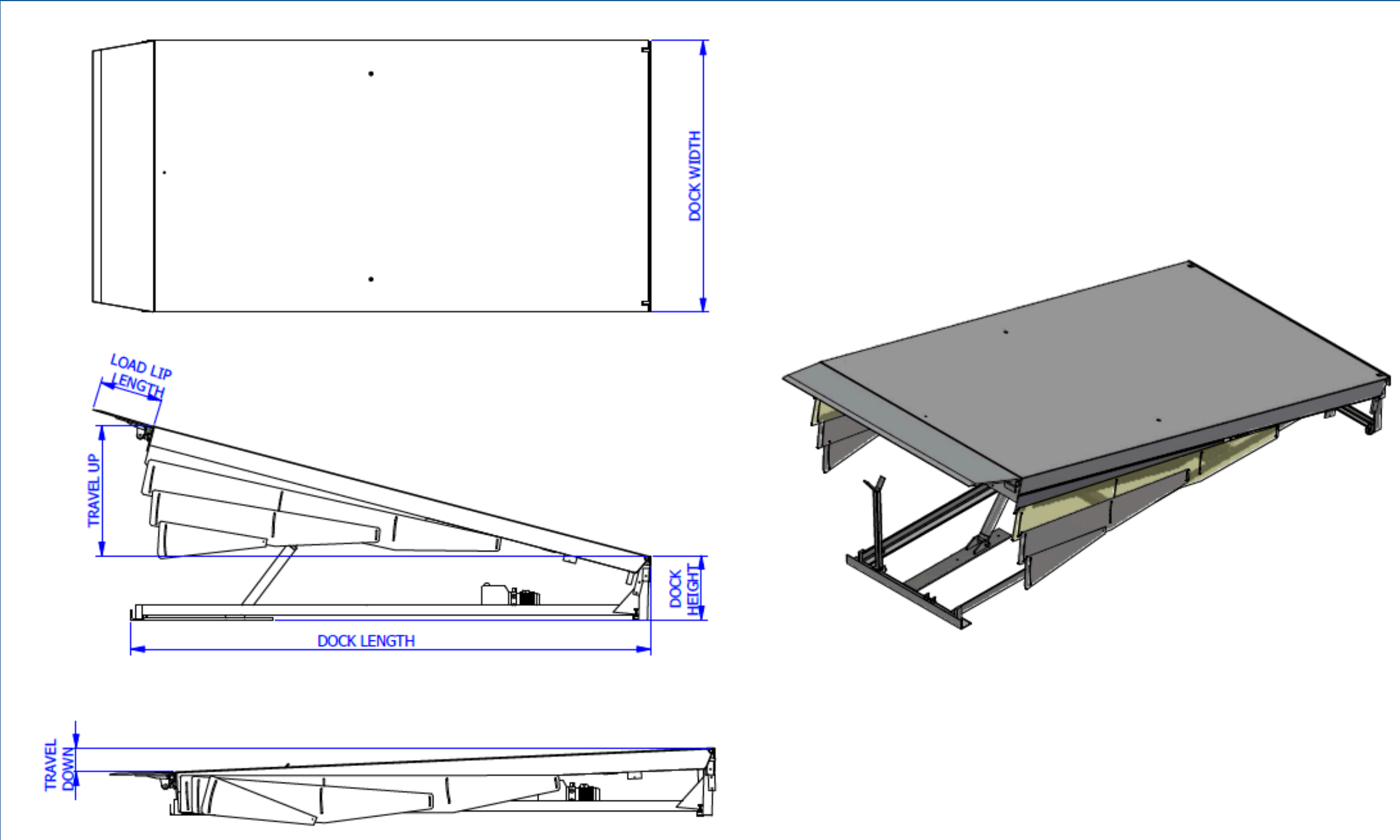


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STANDARD MODEL



Fleet Engineering Dock Leveller Specification

| Model  | Description      |        |        |                             |               |                 | Rollove  | Woking     | Nominal   | Nominal     | 10%      |
|--------|------------------|--------|--------|-----------------------------|---------------|-----------------|----------|------------|-----------|-------------|----------|
|        | Daimension (mm.) |        |        | Thickness of Material (mm.) |               |                 | Capacity | Load Limit | Travel Up | Travel Down | Gradient |
|        | Width            | Length | Height | Deck plate                  | Load Lip plat | Load Lip Length | ( Kg)    | ( Kg)      | (mm.)     | (mm.)       | (mm.)    |
| DL603H | 1830             | 600    | 500    | 6                           | 9             | 490             | 7,000    | 4,500      | 350       | 75          | 60       |
| DL608H | 1830             | 2200   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 750       | 180         | 220      |
| DL610H | 1830             | 2820   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 750       | 180         | 280      |
| DL612H | 1830             | 3440   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 920       | 180         | 340      |
| DL614H | 1830             | 4040   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 1,000     | 180         | 400      |
| DL703H | 2110             | 600    | 500    | 6                           | 9             | 490             | 7,000    | 4,500      | 350       | 75          | 60       |
| DL708H | 2110             | 2200   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 750       | 180         | 220      |
| DL710H | 2110             | 2820   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 750       | 180         | 280      |
| DL712H | 2110             | 3440   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 920       | 180         | 340      |
| DL714H | 2110             | 4040   | 500    | 6                           | 9             | 490             | 12,500   | 8,200      | 1,000     | 180         | 400      |

COMPONENTS

- Hydraulic Power Unit 1.1kW / 380V / 3 Ph / 2.8A / 50 Hz
- Power Requirement 380V / 3 Ph / 10 Amp
- Side Guards Full range Safety plate side guard
- Product Finish Blue Industrial Spray Enamel , Hot dip galvanized or customer require

Special model  
as per customer requirements

We offer customized solutions for customers seeking different sizes. Our team can recommend and design dock levellers tailored to your specific requirements.

In addition, we conduct on-site surveys to ensure precise production and optimal performance in real-world applications.



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DOCK LEVELLER SELECTION CHART

| Maximum height<br>Differential<br>(Dock to Truck Bed)<br>(mm) | Models Available                   |                        |       |       |
|---|------------------------------------|------------------------|-------|-------|
|   | Mini<br>Dock<br>Leveller<br><br>03 | Standard Dock Leveller |       |       |
|   |                                    | 08                     | 10    | 14    |
| 50  | 5.5%                               | 2.0%                   | 1.6%  | 1.2%  |
| 100   | 11.1%                              | 4.0%                   | 3.2%  | 2.3%  |
| 150   | 16.6%                              | 6.0%                   | 4.8%  | 3.5%  |
| 200   | 22.2%                              | 8.0%                   | 6.4%  | 4.6%  |
| 250   | 27.7%                              | 10.0%                  | 8.0%  | 5.8%  |
| 300   | 33.3%                              | 12.0%                  | 9.7%  | 7.0%  |
| 350   | 38.8%                              | 14.0%                  | 11.3% | 8.2%  |
| 400   | 44.4%                              | 16.0%                  | 12.9% | 9.3%  |
| 450   | 50.0%                              | 18.0%                  | 14.5% | 10.5% |
| 500   | 55.5%                              | 20.0%                  | 16.0% | 11.6% |
| 550   | 61.1%                              | 22.0%                  | 17.7% | 12.8% |
| 600   | 66.6%                              | 24.0%                  | 19.4% | 14.0% |
| 650   | 72.2%                              | 26.0%                  | 20.9% | 15.2% |
| 700   | 77.7%                              | 28.0%                  | 22.6% | 16.3% |

| Maximum Recommended<br>Grade – Up or Down                 |
|---|
| Hand Pallet Trucks and Electric<br>Fork Truck (Up to 10%) |
| Electric and I.C.<br>Fork Truck (Up To 15%)               |
| Marginal to Unusable                                      |

MOUNTING OPTION

• Standard Pit Mount



The Standard Pit Mount Dock Leveller is design for loading area where a concrete pit can be constructed. It requires minimal storage space, as the dock can be stored flush with the loading floor.

• Free Standing Mount



The Free Standing Mount Dock Leveller is suitable for loading bays where a concrete pit cannot be constructed. It consists of two parts: the dock leveller itself and the free-standing frame that supports it. This configuration requires more installation space, as additional area is needed to accommodate the free-standing structure.



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