

## Hydraulic Dock leveller swing lip System

### Application – External & heavy duty

#### Material – Steel

##### Standard & certification:

Providing and fixing of dock leveler of 15T UDL or 6T dynamic load, as per EN 1398. In operation the dock leveler shall have gradient slope up to 12.5% (approx. 7°) acc. to EN 1398. Suited for temperature range (under the dock leveller) of approximately - 10°C to + 50°C. Approved make shall be Hormann or equivalent.

##### Dock leveller:

Dynamic load shall be 6T. Platform surface of the dock leveler shall be minimum 6 mm thick with additional chequered design for friction free movement. Lip surface shall be minimum 12 mm thick with additional chequered design for friction free movement, anti-slip steel and tapered at both the ends with self-cleaning lip hinge. Locking position for hinged lip in home position and maintenance strut to support dock leveler during maintenance checks. Shall have two hydraulic cylinders for balanced, reliable and safe operation of the dock leveler. Foot protection plates as side guards shall be provided as standard. Anti-slip moulded steel with tear drops for better traction. Dock Leveler pit depth should be as per drawing.

##### Operator & Motor:

Electro-hydraulic operator with a Motor power 0.75/1.1 kW and connecting voltage 3-phase 400 V, 50 Hz. Protection category IP 54. Provide Connecting cable 7.5/12 m long. The control unit shall be placed next to the dock leveler with membrane push button integrated in housing. Press-and-hold actuation. Protection category IP 65. Suited for temperature range (under the dock leveller) of approximately - 10°C to + 50°C. Hydraulic oil must be ISO VG 15 grade superior level. Oil tank capacity must be min of 3 ltr capacity. Hydraulic Power pack must be of BOSCH make with an operating pressure of 120 bar to max of 150 bar.

##### Standard accessories:

Dock buffer pair should be included to protect the leveller from the hit of truck while backing

##### Finish:

Steel surfaces blasted 2 coat, PU-coated (layer of 60 - 80 micron) in RAL 9005 Black.

Standard Dimensions: In mm

Width: 2000/2100/2250

Length: 2500/2750/3000/3500