



**MAINI
MATERIALS
MOVEMENT**
Value delivered. Always

*MAINI Dock Leveler has a unique **Tilt facility**. When the truck is canted to one side due to unevenly distributed loads, tilt allows the Dock leveler to compensate canted condition on either side up to 100 mm. This floating action allows full width contact between the lip and the truck bed, prevents damage to tyres and steering system*

DL S E R I E S

Capacity: 9000kg (Dynamic)

- Robust steel construction
- Ideal for efficient loading / unloading operations from trucks and containers
- Responsive, simple and reliable hydraulic system ensures safe operations



DOCK LEVELER

FEATURES

DL
S E R I E S

Maini offers highly efficient fully hydraulic dock leveler, which provides simple, low maintenance operation at a competitive price for loading and unloading operations from the truck & containers.

TECHNICAL SPECIFICATIONS

Power Pack

Includes 1 hp motor. Valves are spool type for easy maintenance

Split Lip Arrangement

With this unique design, one can use the DL to bridge LCV & HCV depending on the truck

Hydraulic System

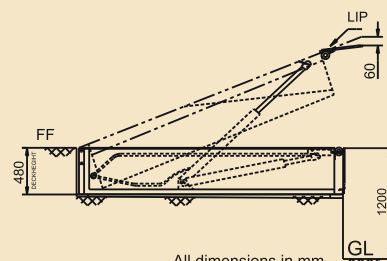
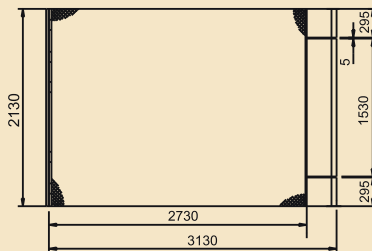
Independent lip & deck cylinders ensures safe operation

Velocity Fuse

Precision safety velocity fuse on cylinder to prevent deck free fall

Control Panel

Wall mounted control panel with push buttons

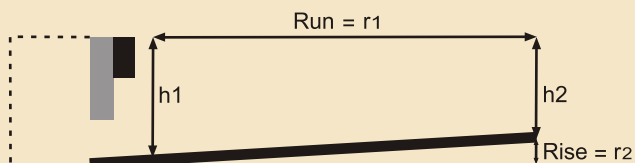


All dimensions in mm.
Materials and specifications are subject to change without notice

Model A 7810 FH

Capacity (kg)	9000
Overall length with lip extended (mm)	3130
Deck length (mm)	2730
Deck width (mm)	2130
Deck height (mm)	480
Working range (mm)	
Up	300
Down	250

Gradient calculation :



Rise - Difference in Elevation between the dock and the point of dock
Run - Distance on the driveway that the rise is measured
h1 - Distance from ground level to the top of the deck
h2 - Depth measured at the end of run

Example:

$h1=1200, h2=450, r1=15000$

$\text{Gradient} = \frac{r2}{r1} \times 100 = 5\%$

Max. recommended gradient for handling equipment

Manual pallet trucks	3%	Electric forklifts	10%
Electric pallet trucks	7%	IC forklifts	15%

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