

flexidock® Series EDS Mechanical Dock Leveler

The Flexidock Series EDS Mechanical Dock Leveler is designed to offer you a low-maintenance bridge between your building and the trailer at your dock.

The Series EDS requires no external power sources, so that energy costs,

along with the initial cost of investment are greatly reduced.

A simple pull on the recessed D-ring at the rear of the deck automatically releases the unique hold down device allowing the deck and lip to extend to the open posi-

tion. By walking the deck down, the lip rests on the truck bed, and releases so that when the truck pulls away, it falls to the closed position.

NOTE: All information presented is based on a standard 30,000 lb. capacity dock leveler. Additional capacities available from 25 to 50,000 lbs.

Lip Construction

1/2" thick 50,000 PSI steel
4-way safety tread plate

1/4" x 6" laminated rear
hinge back plate

70,000 PSI yield lip tubes

1" dia. full-width
solid steel hinge pin



Yieldable Mechanical Lip Assembly

Spring-assisted extension

Positive lip locking
w/ impact release feature

Deck Construction

1/4" thick 50,000 PSI minimum
yield steel 4-way safety tread plate

Eight 12 ga. 65,000 PSI
yield formed "C" beam
deck supports

One 3" x 3/8" under
deck center beam
for additional strength

Fixed rear hinge
eliminates pinch point

Side of deck
perimeter
yellow & black
safety stripe

Retractable Safety Legs

1" x 2" solid steel flat bar

Hinged to deck assembly

Two position design

Prevents "free-fall" of
deck assembly to pit floor
during premature truck departure

Below dock level control

Working Range Toe Guards

10 ga. fixed upper

Welded to deck assembly

Optional full-range also available
(2-piece interlocking sheet steel; 10 ga.
fixed upper & 14 ga. sliding lower)

Rigid Base Frame Construction

Welded structural steel

Rear hinge supports

Night locks

Maintenance Bar

Fully locks main lift assembly

Bolted to base assembly

Heavy-duty construction



Mechanical Hold Down System

Unique high-strength nylon
take-up strap and brake band design

No lubrication required

Allows the dock leveler to "float" with the
truck's suspension