

DUAL-DOK® 2000 Combined Lift/Leveler System

Push-button control changes leveler to lift

Full-time productivity

Single dock position handles lift and leveler jobs.

Saves valuable dock space

Allows travel between building and grade level without a ramp.

High-productivity dock leveler

Total length over 13', with service range from 12" above to 20" below dock. Safe working range is expanded because of reduced grade.

Versatile lift

Travels between dock height and ground level. Lets you eliminate the part-time dock position of a scissors lift. Push-button lip extension replaces unsafe manual handling.

LED Message Center

Provides continuous communication to user on operating status.



Complete flexibility at a single dock position.



Dual-Dok 2000
as a lift.



Dual-Dok 2000
as a leveler.



User friendly controls. Simple push-buttons make operation easy, from either the dock or ground level. Easy to read Message Center on the control box provides continuous information about the system's operating status. Includes on-screen diagnostic display for fast troubleshooting. Side-mounted reset button reduces need for personnel to open control box.

RITE·HITE®
CORPORATION

SPECIFICATIONS

DUAL-DOK® 2000

NOMINAL DIMENSIONS:

Model Number	Size W x L	Capacity Lift/Leveler
DD2086.5	6'6" x 8'	10,000/E
DD20106.5	6'6" x 10'	16,000/E
DD20126.5*	6'6" x 12'	16,000/E

*Standard Model

10-YEAR STRUCTURAL WARRANTY:

RITE-HITE® shall provide a written 10-year warranty based on the Dock Leveler Investment Guide and the following criteria.

Gross weight of fork lift and load shall not exceed _____ lbs.
User's operation shall not exceed _____ full truckloads per 24-hour period over any one dock position.
Lift truck speed shall not be more than 5 mph and leveler grade shall be no more than 7%.

This warranty will be provided on manufacturer's published form and will include the following components and parts: lip assembly, lip hinge pins, deck assembly, scissors framework, unit frame, reservoir tank, working range toeguards, platform cylinder, lip cylinder, velocity fuse, all hydraulic hoses and fittings, electric motor, valve block, rear hinge and hinge pins, rear hinge pin extend cylinder and remote control hanger bracket. All parts not included will be covered by a one-year parts and labor warranty. Consult your RITE-HITE® representative for details.

12-MONTH MONEY BACK CUSTOMER SATISFACTION WARRANTY:

In addition to all other warranties, RITE-HITE® will provide a written warranty that the equipment will perform in a manner satisfactory to the Owner for a period of 12 months after date of installation. If the Owner is not satisfied with the performance of the equipment, the Owner may notify RITE-HITE® and RITE-HITE® shall remove the equipment and refund the equipment purchase price to the Owner. All warranties are subject to standard limitations on liability. Consult your RITE-HITE® representative for details.

OPERATION:

Fully Electro-Hydraulic. Operating mode is changed by pushing lift or leveler control buttons, requiring no selector switch. Operator actions and operating mode are displayed on the message center. Pushing "Reset" button on side of control box to enter manual mode and restore machine operation after a fault detection reduces need to open control box.

Dock Leveler Mode: Infinite and independent control of leveler and lip is controlled by "Raise" and "Lip Out" buttons. Holding "Lip Out" button alone shall allow positive-acting momentary pause of leveler ramp and lip in any position. Leveler operating range is 12" above dock and 20" below dock. The standard 16" lip extends 11" beyond the standard 4" bumper. Push "Raise" button for one second and release to position leveler for below dock endloading. Repeat to return unit to stored position.

Lift Mode: Level, vertical platform movement is controlled via the

"Up" and "Down" buttons on main control box or hand-held control. Momentarily pushing "Auto-Lip" button allows automatic hydraulic lip extension and retraction. Momentarily pushing "Auto-Lip" button with lip folded cancels "Auto-Lip" mode.

STANDARD FEATURES:

- Operator control panel will provide visual display of operating mode and will allow simple diagnostics of fault conditions.
- Factory installed, easily replaced weatherseal is two-piece system consisting of welded steel sections and flexible brush seal inserts.
- Front of unit will have accordion-style gate with fabric bellows for safety and protection from the environment.
- Unit will have full range, telescoping toeguards to close off sides when leveler is in highest upward position. The 12" operating range toeguard will be 3/16" steel and will be welded to the platform.
- Oil reservoir shall be equipped with a drain plug.
- Lip hinge shall have grease fittings.
- Lift/leveler system has maintenance struts which are engaged from above dock and support the unit for safe servicing.

EXCLUSIVE SAFETY FEATURES/EQUIPMENT:

- Outside safety light must be red to allow DUAL-DOK® 2000 to operate.
- Outside light will not change to green unless unit is stored.
- System performs safety weight check when leveler or Auto-Lip lift operation commences.
- When truck leaves with lip extended in leveler mode, unit shall automatically recycle to a stored position, requiring no manual operation.
- Red safety beacon on control box flashes when unit is below dock in lift or Auto-Lip mode.
- If unit is below dock for more than 15 minutes, alarm sounds. Pushing "Up" or "Down" button turns off alarm and resets timer.
- In Auto-Lip mode with lip extended, lip shall fold immediately if not on truck bed.
- Velocity safety fuse limits free-fall of unit in leveler mode to maximum of 3" and prevents free-fall of unit in lift mode in case of hydraulic component failure.
- Guardrite® protective railings are included and enclose all three sides of unit on inside of building. The two sides are fixed and the end is hinged for easy access.
- Optional Manual Safe-T-Gate™ or Automatic Vertical Safe-T-Gate™ is available in lieu of hinged Guardrite® at end. (Guardrite® and Safe-T-Gate™ systems are capable of stopping a 10,000 lb. load moving at 4 mph.)

ELECTRICAL:

The unit is controlled electrically via a programmable controller. The power requirement is 240/480 volt 3 phase. The unit has a single 7.5 horsepower motor, and a 5 gallon per minute pump. Maximum system pressure in leveler mode is 1,000 PSI. Maximum system pressure in lift mode is 3,000 PSI. All operator controls are mounted in a gasketed NEMA 12 enclosure.

Ask your Rite-Hite Representative for details on a Planned Maintenance Program.

RITE-HITE® Dock Levelers, DUAL-DOK® Lift/Leveler, DOK-LOK® and WHEEL-LOK™ vehicle restraints and SAFE-T-STRUT™ maintenance support system are covered by one or more of the following U.S. Patents: 4,110,860; 4,146,888; 4,191,503; 4,208,161 (RE 33,242); 4,257,137; 4,264,259; 4,267,748; 4,282,621; 4,286,410; 4,364,137; 4,373,847; 4,379,354; 4,443,150; 4,472,099; 4,531,248; 4,560,315 (RE 32,968); 4,570,277; 4,605,353 (RE 33,154); 4,634,334; 4,692,755; 4,744,121; 4,819,770; 4,843,373; 4,865,507; 4,920,598; 4,995,130; 5,040,258; 5,047,748; 5,111,546; 5,168,267; 5,212,846; 5,271,183; 5,297,921; 5,299,386; 5,311,628; 5,323,503; 5,375,965; 5,440,772; 5,442,825; 5,453,735; 5,546,623. The Safe-T-Gate™ system is covered by one or both U.S. patents: 5,271,183 and 5,299,386. Other U.S. and foreign patents pending.

RITE-HITE®, DUAL-DOK® and GUARDRITE® are registered trademarks of the RITE-HITE Corporation. RITE-HITE® reserves the right to make product improvements without prior notice.

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